

TABLE OF CONTENTS
BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR (BHWAR)

July 9, 2001

0.0 - TABLE OF CONTENTS/INDEX

6.0 - RI/FS NONPOPULATED AREAS

6.9 - Mine Water Management

6.9.1 - Correspondence

6.9.1.1 - Correspondence

6.9.1.2 - Notes/E-Mail

6.9.1.3 - Meeting Agendas/Notes

6.9.2 - Work Plan

6.9.2.1 - Comments/Evaluations and Responses

6.9.3 - Sampling and Analysis Plans

6.9.4 - Sampling and Analysis Data

6.9.5 - Health and Safety Plans

6.9.6 - Applicable or Relevant and Appropriate Requirements (ARAR's)

6.9.7 - Remedial Investigation/Feasibility Study Reports

6.9.7.1 - Comments/Evaluations and Responses

6.9.8 - Other RI/FS Technical Reports (2 Volumes)

6.9.8.1 - Comments/Evaluations and Responses

6.9.9 - Proposed Plan

6.9.9.1 - Comments/Evaluations and Responses

20.0 - PUBLIC PARTICIPATION

20.6 - Media Activity

20.6.3 - Fact Sheets

HEADING: 0. 0. . . TABLE OF CONTENTS/INDEX

HEADING: 6. 0. . . RI/FS NONPOPULATED AREAS

SUB-HEAD: 6. 9. . . Vol. 1 - Mine Water Management

SUB-HEAD: 6. 9. 1. . Vol. 1 - Correspondence

SUB-HEAD: 6. 9. 1. 1. Vol. 1 - Correspondence

6. 9. 1. 1. Vol. 1 - 1077956 DOC ID: 98913
DATE: 2/26/1998 PAGES: 27
AUTHOR(S): Michael Thomas/Idaho Division of Environmental Quality ADDRESSEE(S):
Bunker Hill Project Team
Mary Kay Voytilla/EPA

DESCRIPTION: LONG TERM MANAGEMENT OF ACID MINE WATER FROM THE BUNKER HILL MINE AND
ADDITIONAL DESIRED MINE-RELATED INVESTIGATIONS.

6. 9. 1. 1. Vol. 1 - 1083537 DOC ID: 106512
DATE: 4/30/1998 PAGES: 1
AUTHOR(S): Mary Kay Voytilla/EPA ADDRESSEE(S):
Rob Hanson/Idaho Division of Environmental Quality

DESCRIPTION: LETTER REGARDING MARCH CONFERENCE CALL DISCUSSING INVESTIGATION OF
LONG-TERM WATER MANAGEMENT ISSUES.

6. 9. 1. 1. Vol. 1 - 1125279 DOC ID: 148412
DATE: 5/8/1998 PAGES: 2
AUTHOR(S): Michelle Girts/CH2M Hill, Inc. ADDRESSEE(S):
Cami Grandinetti/EPA

DESCRIPTION: MEMORANDUM: REVIEW OF BUNKER HILL CONSTRUCTED WETLANDS REPORT,
DRAFT FINAL, PREPARED BY U. S. BUREAU OF MINES.

6. 9. 1. 1. Vol. 1 - 1083528 DOC ID: 106514
DATE: 6/19/1998 PAGES: 1
AUTHOR(S): Patricia McGrath/EPA ADDRESSEE(S):
Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: E-MAIL REGARDING 06/01/1998 VERSION OF THE BUNKER HILL LONG-TERM WATER MANAGEMENT MEMO.

6. 9. 1. 1. Vol. 1 - 1083529 DOC ID: 106518
DATE: 7/14/1998 PAGES: 28
AUTHOR(S): Mary Kay Voytilla/EPA ADDRESSEE(S): Robert Hopper/Placer Mining Co.

DESCRIPTION: LETTER TRANSMITTING COPY OF A SCOPING MEMORANDUM PREPARED BY CH2M HILL FOR THE LONG-TERM MINE WATER MANAGEMENT EFFORT.

6. 9. 1. 1. Vol. 1 - 1083531 DOC ID: 106519
DATE: 7/23/1998 PAGES: 1
AUTHOR(S): Mary Kay Voytilla/EPA ADDRESSEE(S): Geoff Harvey/Idaho Division of Environmental Quality

DESCRIPTION: LETTER REGARDING THE SCOPING DOCUMENT FOR LONG-TERM MINE WATER MANAGEMENT EFFORTS AT THE BUNKER HILL MINE.

6. 9. 1. 1. Vol. 1 - 1083530 DOC ID: 106520
DATE: 7/23/1998 PAGES: 1
AUTHOR(S): Mary Kay Voytilla/EPA ADDRESSEE(S): Jack Gunderman/Coeur d'Alene Tribe

DESCRIPTION: LETTER REGARDING THE SCOPING DOCUMENT FOR LONG-TERM MINE WATER MANAGEMENT EFFORTS AT THE BUNKER HILL MINE.

6. 9. 1. 1. Vol. 1 - 1083524 DOC ID: 106521
DATE: 8/14/1998 PAGES: 2
AUTHOR(S): Bill Hudson/CH2M Hill, Inc. ADDRESSEE(S): Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: MEMO REGARDING ASSISTANCE FROM BOB HOPPER.

6. 9. 1. 1. Vol. 1 - 1083522 DOC ID: 106522
DATE: 8/14/1998 PAGES: 3
AUTHOR(S): Bill Hudson/CH2M Hill, Inc. ADDRESSEE(S): Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: MEMO: BUNKER HILL MINE WATER CONTROL COSTS.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 1. Vol. 1 - 1083525 DOC ID: 106508
DATE: 8/26/1998 PAGES: 2
AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Robert Hopper/Placer Mining Co.

DESCRIPTION: LETTER EXPLAINING REASONS FOR LONG TERM MINE WATER MANAGEMENT INVESTIGATION.

6. 9. 1. 1. Vol. 1 - 1125446 DOC ID: 149318
DATE: 10/14/1998 PAGES: 9
AUTHOR(S):
Bruce A. Woods/EPA

ADDRESSEE(S):
Artemis Antipas/CH2M Hill, Inc.

DESCRIPTION: LETTER REQUESTING THAT CH2M HILL PROCURE LABORATORY SUPPORT TO CONDUCT A NUMBER OF ANALYSES FOR THE BUNKER HILL ACID MINE DRAINAGE PROJECT IN THE COEUR D'ALENE BASIN OF IDAHO, WITH ATTACHED RAP REQUEST AUTHORIZING THE PROCESS.

6. 9. 1. 1. Vol. 1 - 1083521 DOC ID: 106523
DATE: 10/22/1998 PAGES: 5
AUTHOR(S):
Jay Dehner/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

Frances Parton/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: MEMO REGARDING CIA SLUDGE DRYING BEDS.

6. 9. 1. 1. Vol. 1 - 1075345 DOC ID: 114244
DATE: 11/2/1998 PAGES: 2
AUTHOR(S):
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):
Bunker Hill Mine Water Team

DESCRIPTION: MEMO REGARDING UNDERGROUND INSPECTION OF STOPES AT THE BUNKER HILL MINE WITH ATTACHED CONCEPTUAL MAP.

6. 9. 1. 1. Vol. 1 - 1125448 DOC ID: 149322
DATE: 1/25/1999 PAGES: 1
AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Bob Hopper/Bunker Hill Mine

DESCRIPTION: LETTER TRANSMITTING THE DRAFT BUNKER HILL MINE WATER PRESUMPTIVE REMEDY DOCUMENT AND DRAFT BUNKER HILL MINE WATER CONCEPTUAL MODEL DOCUMENT (WITHOUT ATTACHMENT).

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 1. Vol. 1 - 1125449 DOC ID: 149325
DATE: 1/25/1999 PAGES: 1

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Michael Thomas/Idaho Division of
Environmental Quality

DESCRIPTION:
LETTER TRANSMITTING THE DRAFT BUNKER HILL MINE WATER PRESUMPTIVE
REMEDY DOCUMENT, DRAFT BUNKER HILL MINE WATER CONCEPTUAL MODEL
DOCUMENT AND DRAFT BUNKER HILL MINE CONTINGENCY PLAN (WITHOUT
ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125450 DOC ID: 149326
DATE: 1/25/1999 PAGES: 1

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
James Dunn/EPA

DESCRIPTION:
LETTER TRANSMITTING THE DRAFT BUNKER HILL MINE WATER PRESUMPTIVE
REMEDY DOCUMENT, DRAFT BUNKER HILL MINE WATER CONCEPTUAL MODEL
DOCUMENT AND DRAFT BUNKER HILL MINE CONTINGENCY PLAN (WITHOUT
ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125451 DOC ID: 149327
DATE: 1/25/1999 PAGES: 1

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mike Fitzgerald/TerraGraphics
Environmental Engineering, Inc.

DESCRIPTION:
LETTER TRANSMITTING THE DRAFT BUNKER HILL MINE WATER PRESUMPTIVE
REMEDY DOCUMENT, DRAFT BUNKER HILL MINE WATER CONCEPTUAL MODEL
DOCUMENT AND DRAFT BUNKER HILL MINE CONTINGENCY PLAN (WITHOUT
ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125452 DOC ID: 149328
DATE: 2/1/1999 PAGES: 1

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
James Dunn/EPA

DESCRIPTION:
LETTER TRANSMITTING THE DRAFT COST/BENEFIT ANALYSIS - SURFACE WATER
DIVERSIONS, BUNKER HILL MINE WATER PRESUMPTIVE REMEDY (WITHOUT
ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125453 DOC ID: 149329
DATE: 2/1/1999 PAGES: 1

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Michael Thomas/Idaho Division of
Environmental Quality

DESCRIPTION:
LETTER TRANSMITTING THE DRAFT COST/BENEFIT ANALYSIS - SURFACE WATER
DIVERSIONS, BUNKER HILL MINE WATER PRESUMPTIVE REMEDY (WITHOUT
ATTACHMENT).

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 1. Vol. 1 - 1125454 DOC ID: 149330
DATE: 2/1/1999 PAGES: 1
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc. ADDRESSEE(S):
Mike Fitzgerald/TerraGraphics
Environmental Engineering, Inc.

DESCRIPTION: LETTER TRANSMITTING THE DRAFT COST/BENEFIT ANALYSIS - SURFACE WATER
DIVERSIONS, BUNKER HILL MINE WATER PRESUMPTIVE REMEDY (WITHOUT
ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125455 DOC ID: 149331
DATE: 2/1/1999 PAGES: 1
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc. ADDRESSEE(S):
Ian H. von Lindern/TerraGraphics
Environmental Engineering, Inc.

DESCRIPTION: LETTER TRANSMITTING THE DRAFT COST/BENEFIT ANALYSIS - SURFACE WATER
DIVERSIONS, BUNKER HILL MINE WATER PRESUMPTIVE REMEDY (WITHOUT
ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125456 DOC ID: 149332
DATE: 2/1/1999 PAGES: 1
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc. ADDRESSEE(S):
Dale R. Ralston/Ralston Hydrologic
Services

DESCRIPTION: LETTER TRANSMITTING THE DRAFT COST/BENEFIT ANALYSIS - SURFACE WATER
DIVERSIONS, BUNKER HILL MINE WATER PRESUMPTIVE REMEDY (WITHOUT
ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125457 DOC ID: 149333
DATE: 2/1/1999 PAGES: 1
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc. ADDRESSEE(S):
Dale R. Ralston/Ralston Hydrologic
Services

DESCRIPTION: LETTER TRANSMITTING THE DRAFT COST/BENEFIT ANALYSIS - SURFACE WATER
DIVERSIONS, BUNKER HILL MINE WATER PRESUMPTIVE REMEDY (WITHOUT
ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1075351 DOC ID: 114251
DATE: 2/4/1999 PAGES: 1
AUTHOR(S): Mary Kay Voytilla/EPA ADDRESSEE(S):
Geoff Harvey/Idaho Division of
Environmental Quality

DESCRIPTION: LETTER TRANSMITTING AND REQUESTING REVIEW OF MINE WATER DOCUMENTS
(NOT ATTACHED).

6. 9. 1. 1. Vol. 1 - 1075352 DOC ID: 114253
DATE: 2/4/1999 PAGES: 1
AUTHOR(S): ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Mary Kay Voytilla/EPA

Jack Gunderman/Coeur d'Alene Tribe

DESCRIPTION: LETTER TRANSMITTING AND REQUESTING REVIEW OF MINE WATER DOCUMENTS (NOT ATTACHED).

6. 9. 1. 1. Vol. 1 - 1075363 DOC ID: 114280
DATE: 3/4/1999 PAGES: 2
AUTHOR(S):
Nicholas I. Ceto/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: LETTER SUMMARIZING SUGGESTIONS FOR THE BUNKER HILL MINE WATER PRESUMPTIVE REMEDY.

6. 9. 1. 1. Vol. 1 - 1075337 DOC ID: 114218
DATE: 3/9/1999 PAGES: 30
AUTHOR(S):
Orville Kiehn/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: MEMO REGARDING OBSERVATIONS MADE DURING A SITE VISIT AND ATTENDANCE AT THE 3/3-4/99 WORKSHOP IN SPOKANE.

6. 9. 1. 1. Vol. 1 - 1075365 DOC ID: 114287
DATE: 3/17/1999 PAGES: 3
AUTHOR(S):
Orville Kiehn/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL REGARDING POSSIBLE USE OF REVERSE OSMOSIS TECHNOLOGY.

6. 9. 1. 1. Vol. 1 - 1075368 DOC ID: 114311
DATE: 4/2/1999 PAGES: 4
AUTHOR(S):
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

Bill Hudson/CH2M Hill, Inc.

John Riley/Pyrite Hydrochem

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: MEMO REGARDING FLOOD-STANLY RECONNAISSANCE PLAN BUNKER HILL MINE WATER MANAGEMENT PROJECT.

6. 9. 1. 1. Vol. 1 - 1075369 DOC ID: 114314
DATE: 4/7/1999 PAGES: 10
AUTHOR(S):
Michael Thomas/Idaho Division of Environmental
Quality

ADDRESSEE(S):
Jim Stefanoff/CH2M Hill, Inc.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Michael Thomas/Idaho Division of Environmental
Quality

Mary Kay Voytilla/EPA

DESCRIPTION:

COMMENTS FROM DALE RALSTON ON THE 3/2-3/99 MEETING, MINE/WATER
TREATMENT PROJECT, BUNKER HILL SUPERFUND SITE.

6. 9. 1. 1. Vol. 1 - 1075370 DOC ID: 114318
DATE: 4/20/1999 PAGES: 3

AUTHOR(S):
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

4/22/99 MEETING AGENDA.

6. 9. 1. 1. Vol. 1 - 1075371 DOC ID: 114320
DATE: 4/21/1999 PAGES: 2

AUTHOR(S):
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):
Unknown

DESCRIPTION:

MEMO AND MEETING SUMMARY OF THE FLOOD-STANLY RECON MEETING.

6. 9. 1. 1. Vol. 1 - 1125043 DOC ID: 147901
DATE: 4/28/1999 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Geoff Harvey/Idaho Division of
Environmental Quality

DESCRIPTION:

LETTER TRANSMITTING THE 4/23/99 WORKING DRAFT BUNKER HILL MINE WATER
AMD TREATABILITY STUDY WORK PLAN (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125044 DOC ID: 147902
DATE: 4/28/1999 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Jack Gunderman/Coeur d'Alene Tribe

DESCRIPTION:

LETTER TRANSMITTING THE 4/23/99 WORKING DRAFT BUNKER HILL MINE WATER
AMD TREATABILITY STUDY WORK PLAN (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125048 DOC ID: 147904
DATE: 6/9/1999 PAGES: 2

AUTHOR(S):
Dale R. Ralston/Ralston Hydrologic Services

ADDRESSEE(S):
Mike Fitzgerald/TerraGraphics
Environmental Engineering, Inc.

DESCRIPTION:

LETTER PROVIDING A TRIP REPORT RELATIVE TO A MEETING DEALING WITH ACID
WATER MITIGATION FROM THE BUNKER HILL MINE, 6/8/99 (ANNOTATED).

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 1. Vol. 1 - 1125049 DOC ID: 147905
DATE: 6/25/1999 PAGES: 1
AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Bob Hopper/Bunker Hill Mine

Bill Hudson/CH2M Hill, Inc.

Michael Thomas/Idaho Division of
Environmental Quality
Mary Kay Voytilla/EPA

Nick Zilka/Idaho Division of Environmental
Quality

DESCRIPTION: LETTER TRANSMITTING THE DRAFT FINAL BUNKER HILL MINE WATER TREATABILITY
STUDY WORK PLAN (WITHOUT ATTACHMENT).

WITH TWO ADDITIONAL ADDRESSEES.

6. 9. 1. 1. Vol. 1 - 1125050 DOC ID: 147906
DATE: 7/9/1999 PAGES: 1
AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Bob Hopper/Bunker Hill Mine

Bill Hudson/CH2M Hill, Inc.

Michael Thomas/Idaho Division of
Environmental Quality
Mary Kay Voytilla/EPA

Nick Zilka/Idaho Division of Environmental
Quality

DESCRIPTION: LETTER TRANSMITTING NEXT STEPS: AMD GENERATION MITIGATIONS TECHNICAL
MEMORANDUM.

WITH THREE ADDITIONAL ADDRESSEES.

6. 9. 1. 1. Vol. 1 - 1125052 DOC ID: 147908
DATE: 7/14/1999 PAGES: 1
AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Jack Gunderman/Coeur d'Alene Tribe

DESCRIPTION: LETTER TRANSMITTING THE 6/99 DRAFT FINAL BUNKER HILL MINE WATER
TREATABILITY STUDY WORK PLAN (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125053 DOC ID: 147909
DATE: 7/14/1999 PAGES: 1
AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Geoff Harvey/Idaho Division of
Environmental Quality

DESCRIPTION: LETTER TRANSMITTING THE 6/99 DRAFT FINAL BUNKER HILL MINE WATER
TREATABILITY STUDY WORK PLAN (WITHOUT ATTACHMENT).

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 1. Vol. 1 - 1125054 DOC ID: 147910
DATE: 7/22/1999 PAGES: 2
AUTHOR(S): ADDRESSSEE(S):
Matt Germon/CH2M Hill, Inc. Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING DRAFT HYDROLOGIC EVALUATION OF KELLOGG TUNNEL
AND SOUTH FORK COEUR D'ALENE RIVER, BUNKER HILL MINE WATER
MANAGEMENT (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125055 DOC ID: 147911
DATE: 7/26/1999 PAGES: 1
AUTHOR(S): ADDRESSSEE(S):
Matt Germon/CH2M Hill, Inc. Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING THE FINAL BUNKER HILL MINE WATER TREATABILITY STUDY
WORK PLAN (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125056 DOC ID: 147912
DATE: 7/28/1999 PAGES: 1
AUTHOR(S): ADDRESSSEE(S):
Jim Stefanoff/CH2M Hill, Inc. Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING THE MINE CONTINGENCY PLAN FOR THE BUNKER HILL MINE
(WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125057 DOC ID: 147913
DATE: 7/28/1999 PAGES: 1
AUTHOR(S): ADDRESSSEE(S):
Jim Stefanoff/CH2M Hill, Inc. Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING THE BUNKER HILL MINE WATER PRESUMPTIVE REMEDY,
ACID MINE DRAINAGE - BUNKER HILL MINE WATER CONCEPTUAL MODEL, AND
COST/BENEFIT ANALYSIS - SURFACE WATER DIVERSIONS (WITHOUT ATTACHMENTS).

6. 9. 1. 1. Vol. 1 - 1125142 DOC ID: 148041
DATE: 8/6/1999 PAGES: 1
AUTHOR(S): ADDRESSSEE(S):
Jim Stefanoff/CH2M Hill, Inc. Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING THE DRAFT HANNA STOPE SLUDGE DISPOSAL
MEMORANDUM (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125063 DOC ID: 147922
DATE: 8/19/1999 PAGES: 1
AUTHOR(S): ADDRESSSEE(S):
Mary Kay Voytilla/EPA Robert Hopper/Placer Mining Co.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: LETTER DOCUMENTING REQUEST FOR ACCESS IN ORDER TO COMPLETE THE LAST SCHEDULED MINE WATER SAMPLING EVENT.

6. 9. 1. 1. Vol. 1 - 1125064 DOC ID: 147923
DATE: 8/23/1999 PAGES: 1
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc. ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING THE COST/BENEFIT ANALYSIS - SURFACE WATER DIVERSIONS (3,500-GPM CTP CAPACITY) (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125065 DOC ID: 147924
DATE: 9/8/1999 PAGES: 1
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc. ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING THE DRAFT BUNKER HILL MINE FLOOD-STANLY ORE BODY IN-MINE RECONNAISSANCE REPORT (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125068 DOC ID: 147926
DATE: 9/14/1999 PAGES: 1
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc. ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING THE ADDENDUM: BUNKER HILL MINE WATER TREATABILITY STUDY WORK PLAN (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125070 DOC ID: 147927
DATE: 9/20/1999 PAGES: 1
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc. ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING THE DRAFT MEMORANDUM - EVALUATION OF POSSIBLE TMDL COMPLIANCE STRATEGIES - BUNKER HILL MINE WATER MANAGEMENT PROJECT (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125073 DOC ID: 147930
DATE: 9/24/1999 PAGES: 1
AUTHOR(S): Mary Kay Voytilla/EPA ADDRESSEE(S): Jack Gunderman/Coeur d'Alene Tribe

DESCRIPTION: LETTER TRANSMITTING FINAL DOCUMENTS PREPARED BY CH2MHILL PERTAINING TO THE BUNKER HILL MINE WATER INVESTIGATION (WITHOUT ATTACHMENT).

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 1. Vol. 1 - 1125074 DOC ID: 147931
DATE: 9/24/1999 PAGES: 1
AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Geoff Harvey/Idaho Division of
Environmental Quality

DESCRIPTION: LETTER TRANSMITTING FINAL DOCUMENTS PREPARED BY CH2MHILL PERTAINING
TO THE BUNKER HILL MINE WATER INVESTIGATION (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125076 DOC ID: 147933
DATE: 9/28/1999 PAGES: 4
AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Orville Kiehn/EPA

Mary Kay Voytilla/EPA

DESCRIPTION: FAX LETTER TRANSMITTING COMMENTS AND OBSERVATIONS FROM D. RALSTON
FROM A TOUR OF THE BUNKER HILL MINE ON 9/22-9/23/99.

6. 9. 1. 1. Vol. 1 - 1125077 DOC ID: 147934
DATE: 10/5/1999 PAGES: 3
AUTHOR(S):
Dale R. Ralston/Ralston Hydrologic Services

ADDRESSEE(S):
Jim Stefanoff/CH2M Hill, Inc.

Mark Henry/CH2M Hill, Inc.

DESCRIPTION: LETTER PROVIDING IDEAS RELATIVE TO THE DESIGN AND CONSTRUCTION OF TEST
WELLS WITHIN THE MILO CREEK DRAINAGE NEAR KELLOGG.

6. 9. 1. 1. Vol. 1 - 1125081 DOC ID: 147938
DATE: 11/16/1999 PAGES: 2
AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: MEMORANDUM REGARDING THE MILO BASIN PIEZOMETER MEETING WITH IDAHO
DEPARTMENT OF LANDS WITH ATTACHED REPORT OF INSPECTION BY J. NICHOLS
SUMMARIZING RECOMMENDATIONS.

6. 9. 1. 1. Vol. 1 - 1125082 DOC ID: 147939
DATE: 11/19/1999 PAGES: 2
AUTHOR(S):
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING THE FLOW CHART FOR THE BUNKER HILL MINE WATER
MANAGEMENT PROJECT.

6. 9. 1. 1. Vol. 1 - 1125083 DOC ID: 147940
DATE: 11/23/1999 PAGES: 4
AUTHOR(S):

ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Matt Germon/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

MEMORANDUM PRESENTING AN OUTLINE OF THE APPROACH TO BE USED FOR THE MITIGATION/TREATMENT EVALUATION FOR THE BUNKER HILL MINE WATER MANAGEMENT PROJECT.

6. 9. 1. 1. Vol. 1 - 1125144 DOC ID: 148042
DATE: 1/13/2000 PAGES: 1

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

LETTER TRANSMITTING THE MILE CREEK PIEZOMETER INSTALLATION MEMO (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125145 DOC ID: 148043
DATE: 2/11/2000 PAGES: 1

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

LETTER TRANSMITTING THE PHASE 1 TESTING RESULTS, BUNKER HILL MINE WATER TREATABILITY STUDY (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125147 DOC ID: 148045
DATE: 2/18/2000 PAGES: 1

AUTHOR(S):
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

LETTER TRANSMITTING AND REGARDING THE PRELIMINARY SCREENING FOR TMDL COMPLIANCE - DRAFT REPORT (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125148 DOC ID: 148046
DATE: 2/24/2000 PAGES: 1

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

LETTER TRANSMITTING SUPPLEMENT NO. 1B, BUNKER HILL MINE CONCEPTUAL MODEL (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125149 DOC ID: 148047
DATE: 2/28/2000 PAGES: 12

AUTHOR(S):
Mike Fitzgerald/TerraGraphics Environmental Engineering, Inc.

ADDRESSEE(S):
Robert Hopper/New Bunker Hill Mining Co.

Jim Stefanoff/CH2M Hill, Inc.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Mike Fitzgerald/TerraGraphics Environmental
Engineering, Inc.

Michael Thomas/Idaho Division of
Environmental Quality

Mary Kay Voytilla/EPA

Nick Zilka/Idaho Division of Environmental
Quality

DESCRIPTION:

MEMORANDUM REGARDING SELECTED MILO CREEK PERMANENT IMPROVEMENT
PROJECT TOPICS RELATED TO THE UPPER MILO CREEK STRUCTURE, BUNKER HILL
SUPERFUND SITE.

DOCUMENT DATED 2/29/00.
WITH THREE ADDITIONAL ADDRESSEES.

6. 9. 1. 1. Vol. 1 - 1125152 DOC ID: 148050
DATE: 3/18/2000 PAGES: 2

AUTHOR(S):
Dale R. Ralston/Ralston Hydrologic Services

ADDRESSEE(S):
Dick Glandzman/Unknown

Kirk Nordstrom/Unknown

John Riley/Pyrite Hydrochem

DESCRIPTION:

MEMORANDUM PRESENTING QUESTIONS RELATIVE TO MITIGATION/TREATMENT OF
AMD FROM THE BUNKER HILL MINE.

6. 9. 1. 1. Vol. 1 - 1125155 DOC ID: 148053
DATE: 5/3/2000 PAGES: 1

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

LETTER TRANSMITTING THE FINAL TECHNICAL MEMORANDUM - ANALYSIS OF AMD
SLUDGE DISPOSAL IN HANNA STOPE (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125156 DOC ID: 148054
DATE: 5/4/2000 PAGES: 2

AUTHOR(S):
Michael F. Gearheard/EPA

ADDRESSEE(S):
Charles W. Moss/State of Idaho

DESCRIPTION:

LETTER PROVIDING PROJECT SCHEDULES FOR THE COEUR D'ALENE BASIN AND
BUNKER HILL MINE WATER REMEDIAL INVESTIGATION/FEASIBILITY STUDY
PROCESSES.

6. 9. 1. 1. Vol. 1 - 1125157 DOC ID: 148055
DATE: 5/5/2000 PAGES: 8

AUTHOR(S):
Mike Fitzgerald/TerraGraphics Environmental
Engineering, Inc.

ADDRESSEE(S):
Rob Hanson/Idaho Division of Environmental
Quality
Charles W. Moss/State of Idaho

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Mike Fitzgerald/TerraGraphics Environmental
Engineering, Inc.

Michael Thomas/Idaho Division of
Environmental Quality

Nick Zilka/Idaho Division of Environmental
Quality

DESCRIPTION:

MEMORANDUM TRANSMITTING THE WHITE PAPER FOR THE BUNKER HILL MINE
WATER PROJECT AT THE BUNKER HILL SUPERFUND SITE.

6. 9. 1. 1. Vol. 1 - 1125158 DOC ID: 148056
DATE: 5/24/2000 PAGES: 2

AUTHOR(S):
Bill Hudson/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

MEMORANDUM REGARDING MISCELLANEOUS BUNKER HILL SITE PORTAL
DISCHARGES.

6. 9. 1. 1. Vol. 1 - 1125161 DOC ID: 148059
DATE: 8/30/2000 PAGES: 1

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

LETTER TRANSMITTING THE DRAFT BUNKER HILL MINE WATER MANAGEMENT
REMEDIAL INVESTIGATION/FEASIBILITY STUDY REPORT (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125162 DOC ID: 148060
DATE: 8/31/2000 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Dale R. Ralston/Ralston Hydrologic
Services

John Riley/Pyrite Hydrochem

Jim Stefanoff/CH2M Hill, Inc.

Michael Thomas/Idaho Division of
Environmental Quality

Nick Zilka/Idaho Division of Environmental
Quality

DESCRIPTION:

MEMORANDUM TRANSMITTING THE DRAFT BUNKER HILL MINE WATER MANAGEMENT
REMEDIAL INVESTIGATION/FEASIBILITY STUDY REPORT (WITHOUT ATTACHMENT).

WITH THREE ADDITIONAL ADDRESSEES.

6. 9. 1. 1. Vol. 1 - 1125164 DOC ID: 148063
DATE: 9/21/2000 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Ben Cope/EPA

Patricia McGrath/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

E-MAIL TRANSMITTING THE DRAFT TREATABILITY REPORT FOR PHASE 2 BUNKER HILL MINE WATER, REQUESTING COMMENTS (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125168 DOC ID: 148080
DATE: 10/2/2000 PAGES: 2

AUTHOR(S):
C. Stephen Allred/Idaho Dept. of Environmental
Quality

ADDRESSEE(S):
Charles E. Findley/EPA

DESCRIPTION:

LETTER REGARDING STATE POLICY POSITIONS RELATIVE TO THE DRAFT BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY DATED 8/29/00.

6. 9. 1. 1. Vol. 1 - 1125171 DOC ID: 148083
DATE: 10/6/2000 PAGES: 2

AUTHOR(S):
Sean Sheldrake/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL PROVIDING COMMENTS ON THE 8/29/00 DRAFT BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY (RI/FS) STUDY REPORT.

6. 9. 1. 1. Vol. 1 - 1125245 DOC ID: 148084
DATE: 10/9/2000 PAGES: 2

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Susan B. Martin/U. S. Fish and Wildlife
Service

DESCRIPTION:

LETTER REGARDING ENDANGERED SPECIES ACT COORDINATION FOR THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 1. 1. Vol. 1 - 1125172 DOC ID: 148085
DATE: 10/10/2000 PAGES: 2

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

MEMORANDUM REGARDING NEEDS FROM BOB HOPPER FOR IMPLEMENTATION AND OPERATION OF THE BUNKER HILL MINE WATER ALTERNATIVES.

6. 9. 1. 1. Vol. 1 - 1125173 DOC ID: 148086
DATE: 11/6/2000 PAGES: 5

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Patt O'Flaherty/CH2M Hill, Inc.

Michael Thomas/Idaho Dept. of
Environmental Quality
Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: FAX TRANSMITTING AND REGARDING TCLP RESULTS FOR THREE SLUDGE SAMPLES COLLECTED IN 3/97.

6. 9. 1. 1. Vol. 1 - 1125175 DOC ID: 148089
DATE: 11/20/2000 PAGES: 1
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc. ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING THE FINAL REPORT - PHASE 2 TESTING RESULTS, BUNKER HILL MINE WATER TREATABILITY STUDY (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125246 DOC ID: 148090
DATE: 11/20/2000 PAGES: 4
AUTHOR(S): Mary Kay Voytilla/EPA ADDRESSEE(S): Robert Hopper/New Bunker Hill Mining Co.

DESCRIPTION: LETTER TRANSMITTING REVISED SECTION 2.6 FROM THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY ON APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS, REQUESTING COMMENTS.

WITH ATTACHED OVERNIGHT MAIL RECEIPT.

6. 9. 1. 1. Vol. 1 - 1125282 DOC ID: 148537
DATE: 1/2/2001 PAGES: 5
AUTHOR(S): Suzanne Audet/U. S. Fish and Wildlife Service ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING A LIST OF THREATENED AND ENDANGERED SPECIES FOR THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 1. 1. Vol. 1 - 1125283 DOC ID: 148540
DATE: 1/23/2001 PAGES: 16
AUTHOR(S): Mary Kay Voytilla/EPA ADDRESSEE(S): Robert Hopper/New Bunker Hill Mining Co.

DESCRIPTION: FAX TRANSMITTING THE REVISED RISK ASSESSMENT SECTION (SECTION 2.5) FROM THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 1. 1. Vol. 1 - 1125458 DOC ID: 149334
DATE: 1/30/2001 PAGES: 1
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc. ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING THE FINAL BUNKER HILL MINE WATER MANAGEMENT RI/FS REPORT (WITHOUT ATTACHMENT).

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 1. Vol. 1 - 1125290 DOC ID: 148568
DATE: 2/21/2001 PAGES: 36

AUTHOR(S):
Marianne Deppman/EPA

ADDRESSEE(S):
Jerry Cobb/Panhandle Health District

DESCRIPTION: LETTER TRANSMITTING THE INFORMATION PACKAGE FOR BUNKER HILL TASK
FORCE - OPERABLE UNIT #3 - MINE WATER MANAGEMENT.

6. 9. 1. 1. Vol. 1 - 1125459 DOC ID: 149336
DATE: 5/8/2001 PAGES: 4

AUTHOR(S):
Bruce Means/EPA

ADDRESSEE(S):
Michael F. Gearheard/EPA

DESCRIPTION: MEMORANDUM: NATIONAL REMEDY REVIEW BOARD RECOMMENDATIONS FOR THE
BUNKER HILL SUPERFUND SITE.

6. 9. 1. 1. Vol. 1 - 1125460 DOC ID: 149337
DATE: 5/14/2001 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Jennifer Byrne/EPA

Nicholas I. Ceto/EPA

Marianne Deppman/EPA

Mary Jane Nearman/EPA

Bill Riley/Unknown

DESCRIPTION: MEMORANDUM TRANSMITTING TWO DOCUMENTS CONTAINING BACKGROUND
INFORMATION ON THE BUNKER HILL MINE: THE REMEDIAL
INVESTIGATION/FEASIBILITY STUDY EXECUTIVE STUDY AND A PACKAGE OF
INFORMATION PREPARED FOR THE EPA NATIONAL REMEDY REVIEW BOARD.

WITH EIGHT ADDITIONAL ADDRESSEES.

6. 9. 1. 1. Vol. 1 - 1125461 DOC ID: 149338
DATE: 5/16/2001 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Robert Hopper/New Bunker Hill Mining Co.

DESCRIPTION: LETTER TRANSMITTING A COPY OF THE APRIL 2001 BUNKER HILL MINE WATER
MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY (WITHOUT
ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125462 DOC ID: 149339
DATE: 6/7/2001 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Bunker Hill Superfund Task Force

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Nick Zilka/Idaho Dept. of Environmental Quality

Bunker Hill Superfund Task Force

DESCRIPTION:

MEMORANDUM TRANSMITTING AND REQUESTING A REVIEW OF THE DRAFT BUNKER HILL MINE WATER MANAGEMENT PROPOSED PLAN.

6. 9. 1. 1. Vol. 1 - 1125568 DOC ID: 149340

DATE: 6/11/2001 PAGES: 15

AUTHOR(S):

Mary Kay Voytilla/EPA

ADDRESSEE(S):

Sherry Krulitz/Shoshone County

Nick Zilka/Idaho Dept. of Environmental Quality

Mary Kay Voytilla/EPA

Robert Hopper/New Bunker Hill Mining Co.

Nick Zilka/Idaho Dept. of Environmental Quality

Mary Kay Voytilla/EPA

Jon Cantamessa/Shoshone County

Nick Zilka/Idaho Dept. of Environmental Quality

Mary Kay Voytilla/EPA

Jim Vergobbi/Shoshone County

Nick Zilka/Idaho Dept. of Environmental Quality

Mary Kay Voytilla/EPA

Randy Murray/Shoshone County Public Works
Dept.

Nick Zilka/Idaho Dept. of Environmental Quality

DESCRIPTION:

MEMORANDUM: NOTICE OF UPCOMING OPPORTUNITY FOR PUBLIC COMMENT ON PROPOSED CLEANUP ACTIONS AT THE BUNKER HILL SUPERFUND SITE, TRANSMITTING A COPY OF THE EXECUTIVE STUDY OF THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

WITH 13 ADDITIONAL ADDRESSEES.

6. 9. 1. 1. Vol. 1 - 1125464 DOC ID: 149341

DATE: 6/11/2001 PAGES: 1

AUTHOR(S):

Mary Kay Voytilla/EPA

ADDRESSEE(S):

Jennifer Byrne/EPA

Marianne Deppman/EPA

Cami Grandinetti/EPA

Mary Jane Nearman/EPA

Bill Riley/Unknown

DESCRIPTION:

NOTICE OF THE BUNKER HILL MINE WATER PROPOSED PLAN AND PEER REVIEW BRIEFING SCHEDULED FOR 6/14/01.

WITH ELEVEN ADDITIONAL ADDRESSEES.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 1. Vol. 1 - 1125564 DOC ID: 149773
DATE: 6/19/2001 PAGES: 18
AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Robert Hopper/New Bunker Hill Mining Co.

DESCRIPTION:
LETTER TRANSMITTING THE DRAFT BUNKER HILL MINE WATER MANAGEMENT
PROPOSED PLAN, REQUESTING COMMENTS.

6. 9. 1. 1. Vol. 1 - 1125576 DOC ID: 149804
DATE: 6/20/2001 PAGES: 1
AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
David Bunte/CH2M Hill, Inc.

DESCRIPTION:
LETTER TRANSMITTING A CD-ROM COPY OF THE BUNKER HILL MINE WATER
MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY, 4/01 (WITHOUT
ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125666 DOC ID: 150384
DATE: 6/21/2001 PAGES: 1
AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Robert Hopper/New Bunker Hill Mining Co.

DESCRIPTION:
LETTER TRANSMITTING THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL
INVESTIGATION/FEASIBILITY STUDY (RI/FS) REPORT (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125667 DOC ID: 150385
DATE: 6/21/2001 PAGES: 1
AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Frederick E. Kirschner/Associated
Environmental Scientists and Engineers,

DESCRIPTION:
LETTER TRANSMITTING THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL
INVESTIGATION/FEASIBILITY STUDY (RI/FS) REPORT (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125668 DOC ID: 150386
DATE: 7/2/2001 PAGES: 1
AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
File

DESCRIPTION:
MEMORANDUM INCORPORATING PREVIOUS ADMINISTRATIVE RECORDS INTO THE
BUNKER HILL MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL
ADMINISTRATIVE RECORD.

6. 9. 1. 1. Vol. 1 - 1125669 DOC ID: 150387
DATE: 7/5/2001 PAGES: 1
AUTHOR(S):
Marianne Deppman/EPA

ADDRESSEE(S):
Shoshone Natural Resources Coalition

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Marianne Deppman/EPA

Timothy D. Arnold/Hecla Mining Co.

Geoff Harvey/Idaho Dept. of Environmental
Quality

Doug Stiles/Hecla Mining Co.

Robin Stanley/SNRC Science Committee

DESCRIPTION:

MEMORANDUM TRANSMITTING THE BUNKER HILL MINE WATER MANAGEMENT FACT SHEET 7/01, PROPOSED PLAN FOR THE BUNKER HILL SUPERFUND SITE - BUNKER HILL MINE WATER MANAGEMENT, 7/01, AND THE BUNKER HILL CTP DISCHARGE QUALITY AND MONITORING PLAN, 6/01 FOR REVIEW.

SUB-HEAD: 6. 9. 1. 2. Vol. 1 - Notes/E-Mail

6. 9. 1. 2. Vol. 1 - 1046211 DOC ID: 96264
DATE: 2/27/1998 PAGES: 19

AUTHOR(S):
Jerry Lee/TerraGraphics Environmental Engineering, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

TRANSMITTAL MEMO AND ATTACHED BUNKER HILL LITERATURE REVIEW.

6. 9. 1. 2. Vol. 1 - 1083536 DOC ID: 106509
DATE: 4/5/1998 PAGES: 22

AUTHOR(S):
Joan Stoupa/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

MEMO PRESENTING THE RESULTS OF A ONE-DAY BRAINSTORM SESSION TO EVALUATE LONG-TERM WATER MANAGEMENT ISSUES.

6. 9. 1. 2. Vol. 1 - 1078434 DOC ID: 100424
DATE: 4/6/1998 PAGES: 2

AUTHOR(S):
Joan Stoupa/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

FAX TRANSMITTAL OF SCHEMATIC FOR TELECONFERENCE ON LONG-TERM WATER MANAGEMENT.

6. 9. 1. 2. Vol. 1 - 1075338 DOC ID: 114219
DATE: 4/20/1998 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Michael Thomas/Idaho Division of Environmental
Quality
Jim Stefanoff/CH2M Hill, Inc.

Bill Hudson/CH2M Hill, Inc.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Mary Kay Voytilla/EPA

Nick Zilka/Idaho Division of Environmental
Quality

Jerry Lee/TerraGraphics Environmental
Engineering, Inc.

Patricia McGrath/EPA

DESCRIPTION:

E-mail concerning educational site visit regarding water treatment.

6. 9. 1. 2. Vol. 1 - 1098612 DOC ID: 126581
DATE: 10/28/1998 PAGES: 1

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

EMAIL REGARDING FLUME INSTALLATION.

6. 9. 1. 2. Vol. 1 - 1098613 DOC ID: 126582
DATE: 10/30/1998 PAGES: 2

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

EMAIL TRANSMITTING COMMENTS FROM JOHN WINTERS CONCERNING THE USE OF
THE PHIL SHERIDAN FOR THE WEST FORK DIVERSION PIPING SYSTEM.

6. 9. 1. 2. Vol. 1 - 1125096 DOC ID: 148017
DATE: 10/30/1998 PAGES: 2

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL REGARDING CONSTRUCTION OF THE CIA SLUDGE DRYING BEDS.

6. 9. 1. 2. Vol. 1 - 1125097 DOC ID: 148018
DATE: 11/3/1998 PAGES: 2

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Michael D. Mahoney/U. S. Army Corps of
Engineers
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

E-MAIL REGARDING SLUDGE BEDS ON CIA.

6. 9. 1. 2. Vol. 1 - 1125098 DOC ID: 148019
DATE: 11/5/1998 PAGES: 3

AUTHOR(S):
Karen Dawson/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

E-MAIL RESPONDING TO ISSUES REGARDING SLUDGE BEDS ON CIA.

6. 9. 1. 2. Vol. 1 - 1075347 DOC ID: 114246
DATE: 11/16/1998 PAGES: 3

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

HANDWRITTEN FAX TRANSMITTING AND REGARDING PROJECT COMMENTS BY
TERRAGRAPHS.

6. 9. 1. 2. Vol. 1 - 1083520 DOC ID: 106506
DATE: 11/17/1998 PAGES: 4

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
David Bunte/CH2M Hill, Inc.

Karen Dawson/CH2M Hill, Inc.

Jay Dehner/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION:

SERIES OF E-MAIL MESSAGES REGARDING THE SLUDGE BEDS ON CIA.

6. 9. 1. 2. Vol. 1 - 1125500 DOC ID: 149381
DATE: 12/1/1998 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Bob Hopper/Bunker Hill Mine

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

FAX TRANSMITTAL OF SAMPLING SCHEDULE FOR THE BUNKER HILL MINE WATER
MANAGEMENT PROJECT (WITH HANDWRITTEN ANNOTATION).

6. 9. 1. 2. Vol. 1 - 1125501 DOC ID: 149386
DATE: 12/15/1998 PAGES: 2

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

FAX PROVIDING INFORMATION ON THE COSTS OF PURCHASING OR RENTING DATA
COLLECTION EQUIPMENT.

6. 9. 1. 2. Vol. 1 - 1075350 DOC ID: 114249
DATE: 1/27/1999 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Cami Grandinetti/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Mary Kay Voytilla/EPA

Nicholas I. Ceto/EPA

Sean Sheldrake/EPA

DESCRIPTION:

E-MAIL REGARDING REVIEW OF MINE WATER DOCUMENTS.

6. 9. 1. 2. Vol. 1 - 1075358 DOC ID: 114264
DATE: 2/22/1999 PAGES: 1

AUTHOR(S):
Patricia McGrath/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL CONCERNING 2/25/99 MINE WATER CONFERENCE CALL.

6. 9. 1. 2. Vol. 1 - 1075360 DOC ID: 114272
DATE: 3/1/1999 PAGES: 6

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Unknown

DESCRIPTION:

AMD OPTION TABLES FOR THE 3/2-3/99 PRESUMPTIVE REMEDY WORKSHOP.

6. 9. 1. 2. Vol. 1 - 1125262 DOC ID: 148314
DATE: 3/3/1999 PAGES: 6

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Unknown

DESCRIPTION:

OPTIONS DEVELOPED AT THE PRESUMPTIVE REMEDY WORKSHOP #2.

6. 9. 1. 2. Vol. 1 - 1075367 DOC ID: 114308
DATE: 3/31/1999 PAGES: 3

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Chuck Gruenenfelder/CH2M Hill, Inc.

DESCRIPTION:

SERIES OF E-MAILS REGARDING MINE STORAGE QUESTIONS.

6. 9. 1. 2. Vol. 1 - 1098619 DOC ID: 126593
DATE: 4/14/1999 PAGES: 1

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

EMAIL REGARDING THE FLOOD-STANLEY RECONNAISSANCE PROGRAM.

6. 9. 1. 2. Vol. 1 - 1125099 DOC ID: 148020
DATE: 4/28/1999 PAGES: 1

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Jim Bushnell/CH2M Hill, Inc.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

E-MAIL PROVIDING A SUMMARY FROM B. HUDSON OF THE MSHA INSPECTION OF THE 3 LEVEL HOMESTAKE WORKINGS AT THE BUNKER HILL MINE.

6. 9. 1. 2. Vol. 1 - 1125103 DOC ID: 148022
DATE: 5/17/1999 PAGES: 2

AUTHOR(S):
John J. Barich/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL TRANSMITTING A REVIEW OF THE WORKING DRAFT BUNKER HILL MINE WATER AMD TREATABILITY STUDY WORK PLAN, 4/23/99.

6. 9. 1. 2. Vol. 1 - 1125114 DOC ID: 148024
DATE: 7/28/1999 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Ben Cope/EPA

Patricia McGrath/EPA

DESCRIPTION:

E-MAIL REQUESTING COMMENTS ON THE DRAFT HYDROLOGIC EVALUATION OF KELLOGG TUNNEL AND SOUTH FORK COEUR D'ALENE RIVER.

6. 9. 1. 2. Vol. 1 - 1125115 DOC ID: 148025
DATE: 7/28/1999 PAGES: 2

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Unknown

DESCRIPTION:

E-MAIL PROVIDING A BUNKER HILL MINE WATER PROJECT UPDATE.

6. 9. 1. 2. Vol. 1 - 1125117 DOC ID: 148026
DATE: 8/23/1999 PAGES: 2

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL PROVIDING AN UPDATED SCHEDULE FOR THE AUTHORIZED NEXT STEPS TASKS.

6. 9. 1. 2. Vol. 1 - 1125121 DOC ID: 148027
DATE: 9/2/1999 PAGES: 1

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL SEEKING TO FIRM UP SCHEDULE FOR THE FIELD RECON AND FOLLOW-UP MEETING FOR THE GUY CAVING AREA, FLOOD STANLY SURFACE EXPRESSION, AND DEADWOOD CREEK/INEZ SHAFT WORK, ANNOTATED.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 2. Vol. 1 - 1125123 DOC ID: 148028
DATE: 9/26/1999 PAGES: 1

AUTHOR(S):
Orville Kiehn/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL PROVIDING A SUGGESTION FOR THE 9/29/99 MEETING.

6. 9. 1. 2. Vol. 1 - 1125129 DOC ID: 148030
DATE: 11/5/1999 PAGES: 1

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL PROVIDING A PHONE NOTE FROM NAHIDE REGARDING GETTING SOUTH FORK AND PLACER CREEK FLOW DATA TO FILL IN A YEAR IN THE HYDROLOGY REPORT.

6. 9. 1. 2. Vol. 1 - 1125133 DOC ID: 148031
DATE: 12/2/1999 PAGES: 2

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Dick Glanzman/CH2M Hill, Inc.

Dale R. Ralston/University of Idaho

Daniel K. Nordstrom/U. S. Geological
Survey

John Riley/Pyrite Hydrochem

DESCRIPTION: E-MAIL ASKING THE QUESTION: WILL MITIGATIONS DESIGNED TO REDUCE INFILTRATION THROUGH THE FLOOD-STANLY ORE BODY RESULT IN A LONG-TERM NET REDUCTION IN METAL AND ACID LOAD FROM THE MINE?

6. 9. 1. 2. Vol. 1 - 1125134 DOC ID: 148032
DATE: 12/3/1999 PAGES: 1

AUTHOR(S):
Nick Zilka/Idaho Dept. of Environmental Quality

ADDRESSEE(S):
Bill Hudson/CH2M Hill, Inc.

Dale R. Ralston/University of Idaho

Jim Stefanoff/CH2M Hill, Inc.

Michael Thomas/Idaho Division of
Environmental Quality

Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL REGARDING A 12/2/99 VISIT TO THE PHIL SHERIDAN ADIT REGARDING MINE WATER.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 2. Vol. 1 - 1125186 DOC ID: 148095
DATE: 2/3/2000 PAGES: 1
AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Bruce A. Woods/EPA

DESCRIPTION: E-MAIL REGARDING THE BUNKER HILL PHASE 2 TREATABILITY STUDY.

6. 9. 1. 2. Vol. 1 - 1125194 DOC ID: 148096
DATE: 3/13/2000 PAGES: 3
AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Nicholas I. Ceto/EPA

DESCRIPTION: E-MAIL PROVIDING COST SUMMARIES FOR MINE WATER MONITORING OPTIONS.

6. 9. 1. 2. Vol. 1 - 1125198 DOC ID: 148098
DATE: 4/24/2000 PAGES: 3
AUTHOR(S):
Patricia McGrath/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL PROVIDING COMMENTS ON THE TREATABILITY STUDY RESULTS.

6. 9. 1. 2. Vol. 1 - 1125201 DOC ID: 148099
DATE: 5/30/2000 PAGES: 1
AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mike Fitzgerald/TerraGraphics
Environmental Engineering, Inc.
Bill Hudson/CH2M Hill, Inc.

Dale R. Ralston/Ralston Hydrologic
Services
Michael Thomas/Idaho Dept. of
Environmental Quality
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL TRANSMITTING AND REGARDING THE BUNKER HILL IN-MINE MITIGATIONS
MEMORANDUM (WITHOUT ATTACHMENT).

WITH TWO ADDITIONAL ADDRESSEES.

6. 9. 1. 2. Vol. 1 - 1125203 DOC ID: 148100
DATE: 6/16/2000 PAGES: 1
AUTHOR(S):
Gary Hickman/CH2M Hill, Inc.

ADDRESSEE(S):
Ben Cope/EPA

Patricia McGrath/EPA

Jim Stefanoff/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Gary Hickman/CH2M Hill, Inc.

Bruce A. Woods/EPA

DESCRIPTION:

E-MAIL TRANSMITTING THE DRAFT TEST PLAN FOR THE PHASE 2B BUNKER HILL MINE WATER TREATABILITY STUDY, REQUESTING COMMENTS (WITHOUT ATTACHMENT).

WITH TEN ADDITIONAL ADDRESSEES.

6. 9. 1. 2. Vol. 1 - 1125205 DOC ID: 148102

DATE: 6/28/2000 PAGES: 1

AUTHOR(S):

Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):

Ben Cope/EPA

DESCRIPTION:

E-MAIL REGARDING THE TMDL REVISED SPREAD SHEET CALCULATIONS.

6. 9. 1. 2. Vol. 1 - 1125209 DOC ID: 148106

DATE: 7/10/2000 PAGES: 1

AUTHOR(S):

Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):

Mike Fitzgerald/TerraGraphics
Environmental Engineering, Inc.

Bill Hudson/CH2M Hill, Inc.

Dale R. Ralston/Ralston Hydrologic
Services

Ian H. von Lindern/TerraGraphics
Environmental Engineering, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL REGARDING CONSIDERATIONS FOR INJECTION POOR QUALITY WATER 14 LEVEL.

WITH THREE ADDITIONAL ADDRESSEES.

6. 9. 1. 2. Vol. 1 - 1125211 DOC ID: 148107

DATE: 7/24/2000 PAGES: 1

AUTHOR(S):

Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):

Dale R. Ralston/Ralston Hydrologic
Services

DESCRIPTION:

E-MAIL PROVIDING OBSERVATIONS ON STREAM FLOW IN THE WEST FORK OF MILO CREEK.

6. 9. 1. 2. Vol. 1 - 1125215 DOC ID: 148110

DATE: 11/16/2000 PAGES: 1

AUTHOR(S):

Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):

Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL FORWARDING A MESSAGE REGARDING INSTALLATION OF LOGGERS AT MILO CREEK.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 2. Vol. 1 - 1125502 DOC ID: 149393
DATE: 3/14/2001 PAGES: 2

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL TRANSMITTING COMPARISON OF TMDL TO IDAHO WATER QUALITY CRITERIA.

6. 9. 1. 2. Vol. 1 - 1125503 DOC ID: 149395
DATE: 4/17/2001 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Daniel J. Audet/U. S. Fish and Wildlife
Service
David Fortier/U. S. Bureau of Land
Management
Jack Gunderman/Coeur d'Alene Tribe

Bill Putnam/U. S. Forest Service

Callie A. Ridolfi/Ridolfi Engineers and
Associates, Inc.

DESCRIPTION: E-MAIL TRANSMITTING A COPY OF THE EXECUTIVE SUMMARY FROM THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY (WITHOUT ATTACHMENT).

6. 9. 1. 2. Vol. 1 - 1125504 DOC ID: 149402
DATE: 4/20/2001 PAGES: 2

AUTHOR(S):
Bob Kirkpatrick/U. S. Forest Service

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL REGARDING THE NEW FOREST SERVICE CONTACT FOR BUNKER HILL.

6. 9. 1. 2. Vol. 1 - 1125505 DOC ID: 149405
DATE: 4/24/2001 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Daniel J. Audet/U. S. Fish and Wildlife
Service
Robert Foley/U. S. Fish and Wildlife
Service
Jack Gunderman/Coeur d'Alene Tribe

Bob Kirkpatrick/U. S. Forest Service

Callie A. Ridolfi/Ridolfi Engineers and
Associates, Inc.

DESCRIPTION: E-MAIL REGARDING SELECTING A TIME FOR A PRESENTATION ON THE BUNKER HILL MINE WATER REMEDIAL INVESTIGATION/FEASIBILITY STUDY RESULTS.
WITH THREE ADDITIONAL ADDRESSEES.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 2. Vol. 1 - 1125506 DOC ID: 149410
DATE: 4/30/2001 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Andrea Brooks/TerraGraphics Environmental
Engineering, Inc.
Bill Hudson/CH2M Hill, Inc.

Dale R. Ralston/Ralston Hydrologic
Services
Jim Stefanoff/CH2M Hill, Inc.

Nick Zilka/Idaho Dept. of Environmental
Quality

DESCRIPTION:

E-MAIL REQUESTING COMMENTS ON THE DRAFT BUNKER HILL MINE WATER
MANAGEMENT PROPOSED PLAN, TRANSMITTING SECTIONS FROM A GUIDE TO
PREPARING SUPERFUND PROPOSED PLANS, RECORDS OF DECISION, AND OTHER
REMEDY SELECTION DECISION DOCUMENTS (WITHOUT ATTACHMENT).

WITH ONE ADDITIONAL ADDRESSEES.

6. 9. 1. 2. Vol. 1 - 1125507 DOC ID: 149419
DATE: 4/30/2001 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Daniel J. Audet/U. S. Fish and Wildlife
Service
Julie K. Campbell/U. S. Fish and Wildlife
Service
Robert Foley/U. S. Fish and Wildlife
Service
Bob Kirkpatrick/U. S. Forest Service

Callie A. Ridolfi/Ridolfi Engineers and
Associates, Inc.

DESCRIPTION:

E-MAIL REGARDING A PRESENTATION FOR TRUSTEES ON BUNKER HILL MINE
WATER REMEDIAL INVESTIGATION/FEASIBILITY STUDY RESULTS.

6. 9. 1. 2. Vol. 1 - 1125508 DOC ID: 149423
DATE: 4/30/2001 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Andrea Brooks/TerraGraphics Environmental
Engineering, Inc.
Bill Hudson/CH2M Hill, Inc.

Dale R. Ralston/Ralston Hydrologic
Services
Jim Stefanoff/CH2M Hill, Inc.

Nick Zilka/Idaho Dept. of Environmental
Quality

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

E-MAIL NOTING THAT A COPY OF THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY WILL BE TRANSMITTED.

WITH TWO ADDITIONAL ADDRESSEES.

6. 9. 1. 2. Vol. 1 - 1125509 DOC ID: 149427
DATE: 4/30/2001 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

E-MAIL REQUESTING THAT A COPY OF THE FINAL REMEDIAL INVESTIGATION/FEASIBILITY STUDY BE SENT TO AN INCLUDED LIST OF INDIVIDUALS.

6. 9. 1. 2. Vol. 1 - 1125510 DOC ID: 149428
DATE: 5/8/2001 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Andrea Brooks/TerraGraphics Environmental
Engineering, Inc.
Bill Hudson/CH2M Hill, Inc.

Dale R. Ralston/Ralston Hydrologic
Services
Jim Stefanoff/CH2M Hill, Inc.

Nick Zilka/Idaho Dept. of Environmental
Quality

DESCRIPTION:

E-MAIL TRANSMITTING A COPY OF THE DRAFT BUNKER HILL MINE WATER MANAGEMENT PROPOSED PLAN, REQUESTING COMMENTS (WITHOUT ATTACHMENT).

WITH TEN ADDITIONAL ADDRESSEES.

6. 9. 1. 2. Vol. 1 - 1125511 DOC ID: 149432
DATE: 5/9/2001 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Jennifer Byrne/EPA

Nicholas I. Ceto/EPA

Marianne Deppman/EPA

Mary Jane Nearman/EPA

William M. Riley/EPA

DESCRIPTION:

E-MAIL REGARDING THE PEER REVIEW FOR BUNKER HILL MINE WATER MANAGEMENT PROPOSED PLAN, TRANSMITTING EPA REGION 10 ENVIRONMENTAL CLEANUP OFFICE REMEDY SELECTION REVIEW GUIDANCE (WITHOUT ATTACHMENT).

WITH SIX ADDITIONAL ADDRESSEES.

6. 9. 1. 2. Vol. 1 - 1125512 DOC ID: 149437
DATE: 5/15/2001 PAGES: 1

AUTHOR(S):

ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Mary Kay Voytilla/EPA

Jennifer Byrne/EPA

Nicholas I. Ceto/EPA

Marianne Deppman/EPA

Mary Jane Nearman/EPA

William M. Riley/EPA

DESCRIPTION: E-MAIL REGARDING THE BUNKER HILL MINE WATER PROPOSED PLAN PEER REVIEW BRIEFING.

WITH SIX ADDITIONAL ADDRESSEES.

6. 9. 1. 2. Vol. 1 - 1125513 DOC ID: 149440
DATE: 5/18/2001 PAGES: 2

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL PROVIDING WETLANDS TEXT AND CONSIDERATIONS FOR PROPOSED PLAN/ROD AMENDMENT.

SUB-HEAD: 6. 9. 1. 3. Vol. 1 - Meeting Agendas/Notes

6. 9. 1. 3. Vol. 1 - 1125481 DOC ID: 149494
DATE: 1/1/1998 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Cami Grandinetti/EPA

Earl Liverman/EPA

Sean Sheldrake/EPA

DESCRIPTION: E-MAIL REGARDING THE UPCOMING BUNKER HILL MINE WATER WORKSHOP (WITH HANDWRITTEN ANNOTATIONS).

6. 9. 1. 3. Vol. 1 - 1125480 DOC ID: 149493
DATE: 7/19/1998 PAGES: 22

AUTHOR(S):
Joan Stoupa/CH2M Hill, Inc.

ADDRESSEE(S):
Unknown

DESCRIPTION: BUNKER HILL LONG-TERM MINE WATER MANAGEMENT: DRAFT MINUTES FROM THE 7/16/98 SCOPING MEETING.

6. 9. 1. 3. Vol. 1 - 1075342 DOC ID: 114241
DATE: 10/9/1998 PAGES: 2

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Bunker Hill Mine Water Team

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

AGENDA: BRAINSTORMING SESSION BUNKER HILL MINE WATER PROJECT WITH
ATTACHED ANNOTATED RANGE OF OPTIONS FOR PRESUMPTIVE REMEDY.

6. 9. 1. 3. Vol. 1 - 1098610 DOC ID: 126575
DATE: 10/16/1998 PAGES: 1

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Dale R. Ralston/University of Idaho

DESCRIPTION:

EMAIL REGARDING A MEETING ON 10/20/1998 ABOUT IN-MINE WATER DIVERSIONS
AROUND ACID PRODUCING ZONES.

6. 9. 1. 3. Vol. 1 - 1075344 DOC ID: 114243
DATE: 10/20/1998 PAGES: 1

AUTHOR(S):
Unknown

ADDRESSEE(S):
Unknown

DESCRIPTION:

MEETING SIGN-UP SHEET FROM 10/20/98 BUNKER HILL MINE WATER MANAGEMENT
MEETING.

6. 9. 1. 3. Vol. 1 - 1075356 DOC ID: 114262
DATE: 2/10/1999 PAGES: 1

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Bob Hopper/Bunker Hill Mine

Orville Kiehn/EPA

Michael Thomas/Idaho Division of
Environmental Quality

Mary Kay Voytilla/EPA

Nick Zilka/Idaho Division of Environmental
Quality

DESCRIPTION:

MEMORANDUM TRANSMITTING PRELIMINARY BUNKER HILL MINE WATER
PRESUMPTIVE REMEDY WORKSHOP AGENDA.

WITH EIGHT ADDITIONAL ADDRESSEES.

6. 9. 1. 3. Vol. 1 - 1075361 DOC ID: 114274
DATE: 3/2/1999 PAGES: 13

AUTHOR(S):
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):
Unknown

John Riley/Pyrite Hydrochem

DESCRIPTION:

CHARTS, NOTES, AND DIAGRAMS FROM AMD CONCEPTUAL MODEL & INTERIM DATA
EVALUATION BUNKER HILL MINE WATER PROJECT PRESENTATION.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 3. Vol. 1 - 1075362 DOC ID: 114277
DATE: 3/3/1999 PAGES: 10

AUTHOR(S):
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):
Unknown

John Riley/Pyrite Hydrochem

DESCRIPTION: CHARTS, NOTES, AND DIAGRAMS FROM COST/BENEFIT ANALYSIS SURFACE WATER
DIVERSIONS BUNKER HILL MINE WATER PROJECT PRESENTATION.

6. 9. 1. 3. Vol. 1 - 1075364 DOC ID: 114278
DATE: 3/3/1999 PAGES: 9

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Unknown

DESCRIPTION: CHARTS, NOTES, AND DIAGRAMS FROM BUNKER HILL MINE WATER PRESUMPTIVE
REMEDY WORKSHOP #2 PRESENTATION.

6. 9. 1. 3. Vol. 1 - 1125311 DOC ID: 148600
DATE: 3/3/1999 PAGES: 6

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Unknown

DESCRIPTION: AMD OPTIONS FROM THE PRESUMPTIVE REMEDY WORKSHOP.

6. 9. 1. 3. Vol. 1 - 1125482 DOC ID: 149495
DATE: 3/3/1999 PAGES: 6

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: AMD CONCEPTUAL MODEL OPTIONS FROM THE PRESUMPTIVE REMEDY WORKSHOP.

6. 9. 1. 3. Vol. 1 - 1125483 DOC ID: 149496
DATE: 3/25/1999 PAGES: 4

AUTHOR(S):
Jerry Cobb/Panhandle Health District

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: AGENDA AND MINUTES FOR THE 3/25/99 BUNKER HILL SUPERFUND TASK FORCE
MEETING.

6. 9. 1. 3. Vol. 1 - 1125137 DOC ID: 148033
DATE: 9/30/1999 PAGES: 2

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Unknown

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

MEETING AGENDA: BUNKER HILL MINE WATER INVESTIGATION, 9/29 AND 9/30.

6. 9. 1. 3. Vol. 1 - 1125139

DOC ID: 148035

DATE: 10/15/1999

PAGES: 8

AUTHOR(S):

Jay Dehner/CH2M Hill, Inc.

ADDRESSEE(S):

Bill Hudson/CH2M Hill, Inc.

Matt Germon/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

Jay Dehner/CH2M Hill, Inc.

Ken Green/CH2M Hill, Inc.

Matt Germon/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

Jay Dehner/CH2M Hill, Inc.

Orville Kiehn/EPA

Matt Germon/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

Jay Dehner/CH2M Hill, Inc.

John Riley/Pyrite Hydrochem

Matt Germon/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

Jay Dehner/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

Matt Germon/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

DRAFT MEETING SUMMARY: DRAFT RANKING SUMMARY OF NEXT STEP
MITIGATIONS, 9/29/99 THROUGH 9/30/99, RECON FOLLOW UP MEETING.

WITH EIGHT ADDITIONAL ADDRESSEES.

6. 9. 1. 3. Vol. 1 - 1125249

DOC ID: 148232

DATE: 1/19/2000

PAGES: 1

AUTHOR(S):

Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):

Unknown

DESCRIPTION:

BUNKER HILL MINE WATER MEETING AGENDA, ANNOTATED.

6. 9. 1. 3. Vol. 1 - 1125250

DOC ID: 148233

DATE: 3/1/2000

PAGES: 1

AUTHOR(S):

ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Mary Kay Voytilla/EPA

Unknown

DESCRIPTION: OUTLINE FOR BRIEFING WITH JACK GUNDERMAN OF COEUR D'ALENE TRIBE -
BUNKER HILL MINE WATER INVESTIGATION.

6. 9. 1. 3. Vol. 1 - 1125251 DOC ID: 148234
DATE: 3/9/2000 PAGES: 1
AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Bill Hudson/CH2M Hill, Inc.

Dale R. Ralston/Ralston Hydrologic
Services
Jim Stefanoff/CH2M Hill, Inc.

Michael Thomas/Idaho Division of
Environmental Quality
Nick Zilka/Idaho Division of Environmental
Quality

DESCRIPTION: E-MAIL PROVIDING A LIST OF ITEMS TO BRING TO THE BUNKER HILL MINE WATER
MEETING.
WITH TWO ADDITIONAL ADDRESSEES.

6. 9. 1. 3. Vol. 1 - 1125252 DOC ID: 148245
DATE: 3/15/2000 PAGES: 1
AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Nicholas I. Ceto/EPA

Ben Cope/EPA

Dale R. Ralston/Ralston Hydrologic
Services
Mary Kay Voytilla/EPA

Nick Zilka/Idaho Division of Environmental
Quality

DESCRIPTION: E-MAIL PROVIDING THE LOCATION AND AGENDA FOR THE BUNKER HILL MINE
WATER WORKSHOP, 3/14 THROUGH 3/15/00.

6. 9. 1. 3. Vol. 1 - 1125253 DOC ID: 148247
DATE: 3/15/2000 PAGES: 6
AUTHOR(S):
Unknown

ADDRESSEE(S):
Unknown

DESCRIPTION: PROGRESS REPORT HANDOUTS FROM THE BUNKER HILL MINE WATER WORKSHOP,
3/14 THROUGH 3/15/00.

6. 9. 1. 3. Vol. 1 - 1125254 DOC ID: 148249
DATE: 3/16/2000 PAGES: 2
AUTHOR(S):

ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Jim Stefanoff/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION: MEMORANDUM: NOTES FROM 3/14 AND 3/15/00 MINE WATER WORKSHOP.

6. 9. 1. 3. Vol. 1 - 1125255 DOC ID: 148251
DATE: 3/20/2000 PAGES: 2
AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL REGARDING THE BUNKER HILL MINE WATER FEASIBILITY STUDY ISSUES
DISCUSSED AT 3/15/00 WORKSHOP.

6. 9. 1. 3. Vol. 1 - 1125257 DOC ID: 148258
DATE: 5/15/2000 PAGES: 1
AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Jay Dehner/CH2M Hill, Inc.

Matt Germon/CH2M Hill, Inc.

Ken Green/CH2M Hill, Inc.

Bill Hudson/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL REGARDING THE 5/18/00 SPOKANE MEETING.
WITH EIGHT ADDITIONAL ADDRESSEES.

6. 9. 1. 3. Vol. 1 - 1125258 DOC ID: 148259
DATE: 5/22/2000 PAGES: 3
AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: MEMORANDUM: BUNKER HILL MINE WATER FEASIBILITY STUDY (FS) ALTERNATIVES.

6. 9. 1. 3. Vol. 1 - 1125259 DOC ID: 148260
DATE: 6/2/2000 PAGES: 5
AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: MEMORANDUM: BUNKER HILL MINE WATER FEASIBILITY STUDY (FS) ALTERNATIVES.

6. 9. 1. 3. Vol. 1 - 1125260 DOC ID: 148261
DATE: 7/11/2000 PAGES: 1
AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Bill Hudson/CH2M Hill, Inc.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

Robert J. York/CH2M Hill, Inc.

Nick Zilka/Idaho Dept. of Environmental
Quality

DESCRIPTION: E-MAIL PROVIDING A SCHEDULE OF ACTIVITIES FOR 7/13/00 AT THE BUNKER HILL
SITE.

6. 9. 1. 3. Vol. 1 - 1125529 DOC ID: 149541
DATE: 12/4/2000 PAGES: 23
AUTHOR(S):
EPA

ADDRESSEE(S):
Unknown

State of Idaho

DESCRIPTION: PROPOSED AGENDA FOR THE STEVE ALLRED/CHUCK FINDLEY MEETING ON
BUNKER HILL MINE WATER MANAGEMENT ISSUES.

REDACTED COPY, CONFIDENTIAL ORIGINAL COPY IN SITE FILE FOLDER 6.9.10 DOC
ID: 149545.

6. 9. 1. 3. Vol. 1 - 1125141 DOC ID: 148037
DATE: 2/1/2001 PAGES: 81
AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
National Remedy Review Board

DESCRIPTION: INFORMATION PACKAGE FOR NATIONAL REMEDY REVIEW BOARD, BUNKER HILL
SUPERFUND SITE, OPERABLE UNIT #3 - MINE WATER MANAGEMENT.

6. 9. 1. 3. Vol. 1 - 1125312 DOC ID: 148601
DATE: 2/27/2001 PAGES: 5
AUTHOR(S):
EPA

ADDRESSEE(S):
Unknown

DESCRIPTION: BUNKER HILL TASK FORCE MEETING ATTENDANCE SIGNATURE SHEET FROM THE
BUNKER HILL MINE WATER REMEDIAL INVESTIGATION/FEASIBILITY STUDY - OPTIONS
AND ALTERNATIVES FOR SLUDGE DISPOSAL MEETING, WITH ATTACHED MEETING
NOTES.

6. 9. 1. 3. Vol. 1 - 1125484 DOC ID: 149497
DATE: 5/10/2001 PAGES: 11
AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Unknown

DESCRIPTION: NOTES FROM THE MEETING WITH NATURAL RESOURCE TRUSTEES ON THE BUNKER
HILL MINE WATER REMEDIAL INVESTIGATION/FEASIBILITY STUDY RESULTS.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 3. Vol. 1 - 1125485 DOC ID: 149498
DATE: 6/7/2001 PAGES: 2

AUTHOR(S):
Rob Hanson/Idaho Dept. of Environmental Quality

ADDRESSEE(S):
Unknown

DESCRIPTION:
AGENDA FOR THE BUNKER HILL SUPERFUND TASK FORCE MEETING.

SUB-HEAD: 6. 9. 2. . Vol. 1 - Work Plan

6. 9. 2. . Vol. 1 - 1083526 DOC ID: 106513
DATE: 6/1/1998 PAGES: 27

AUTHOR(S):
Joan Stoupa/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:
BUNKER HILL LONG-TERM WATER MANAGEMENT - RESULTS OF CH2M HILL SCOPING SESSION.

6. 9. 2. . Vol. 1 - 1083533 DOC ID: 106516
DATE: 7/7/1998 PAGES: 28

AUTHOR(S):
Joan Stoupa/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:
BUNKER HILL LONG-TERM WATER MANAGEMENT - RESULTS OF CH2M HILL SCOPING SESSION.

6. 9. 2. . Vol. 1 - 1078026 DOC ID: 99091
DATE: 7/14/1998 PAGES: 16

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:
FAX TRANSMITTAL OF INFORMATION FOR SCOPING MEETING ON THE LONG TERM WATER MANAGEMENT ISSUES.

DOCUMENT LATER TRANSMITTED FROM MARY KAY VOYTILLA TO SEAN SHELDRAKE.

6. 9. 2. . Vol. 1 - 1121991 DOC ID: 147832
DATE: 7/1/1999 PAGES: 54

AUTHOR(S):
CH2M Hill, Inc.

ADDRESSEE(S):
EPA

DESCRIPTION:
FINAL BUNKER HILL MINE WATER TREATABILITY STUDY WORK PLAN.

6. 9. 2. . Vol. 1 - 1125222 DOC ID: 148155
DATE: 1/17/2000 PAGES: 7

AUTHOR(S):
Gary Hickman/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: TECHNICAL MEMORANDUM: PHASE 2 TREATABILITY TEST APPROACH - BUNKER HILL MINE WATER MANAGEMENT.

6. 9. 2. . Vol. 1 - 1125223 DOC ID: 148158
DATE: 2/24/2000 PAGES: 7
AUTHOR(S): Gary Hickman/CH2M Hill, Inc. ADDRESSEE(S): Mary Kay Voytilla/EPA
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: BUNKER HILL MINE WATER TREATABILITY STUDY - PHASE 2A WORK PLAN.

6. 9. 2. . Vol. 1 - 1125225 DOC ID: 148160
DATE: 7/25/2000 PAGES: 11
AUTHOR(S): Doug Hagan/Hydrokinetic Systems ADDRESSEE(S): Mary Kay Voytilla/EPA
Gary Hickman/CH2M Hill, Inc.
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: TECHNICAL MEMORANDUM: BUNKER HILL MINE WATER TREATABILITY STUDY - PHASE 2B WORK PLAN.

SUB-HEAD: 6. 9. 2. 1. Vol. 1 - Comments/Evaluations and Responses

6. 9. 2. 1. Vol. 1 - 1083535 DOC ID: 106510
DATE: 4/21/1998 PAGES: 1
AUTHOR(S): Michael Thomas/Idaho Division of Environmental Quality ADDRESSEE(S): Joan Stoupa/CH2M Hill, Inc.
Mary Kay Voytilla/EPA

DESCRIPTION: REVIEW COMMENTS ON THE 4/7/98 CH2M HILL BUNKER HILL LONG-TERM WATER MANAGEMENT - RESULTS OF CH2M HILL SCOPING SESSION MEMORANDUM.

6. 9. 2. 1. Vol. 1 - 1083534 DOC ID: 106511
DATE: 4/28/1998 PAGES: 155
AUTHOR(S): Mary Kay Voytilla/EPA ADDRESSEE(S): Joan Stoupa/CH2M Hill, Inc.

DESCRIPTION: EPA COMMENTS ON CH2M HILL'S MEMO REGARDING 04/05/1998 BUNKER HILL LONG-TERM WATER MANAGEMENT - RESULTS OF SCOPING SESSION (SCOPING MEMO).

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 2. 1. Vol. 1 - 1083527 DOC ID: 106515
DATE: 6/29/1998 PAGES: 2

AUTHOR(S):
Dale R. Ralston/Ralston Hydrologic Services

ADDRESSEE(S):
Jerry Lee/TerraGraphics Environmental
Engineering, Inc.

DESCRIPTION:
FAX TRANSMITTAL OF A LETTER FROM M. THOMAS TO M.K. VOYTILLA PROVIDING
COMMENTS ON 06/01/1998 MEMO "BUNKER HILL LONG-TERM WATER MANAGEMENT -
RESULTS OF CH2M HILL SCOPING SESSION".

6. 9. 2. 1. Vol. 1 - 1125102 DOC ID: 148021
DATE: 5/14/1999 PAGES: 3

AUTHOR(S):
Orville Kiehn/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:
E-MAIL PROVIDING COMMENTS ON THE BUNKER HILL METAL LEACHING/ ACID MINE
DRAINAGE MINE DISCHARGE WATER TREATABILITY STUDY WORK PLAN (WORKING
DRAFT).

6. 9. 2. 1. Vol. 1 - 1125046 DOC ID: 147903
DATE: 5/17/1999 PAGES: 3

AUTHOR(S):
Patricia McGrath/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:
E-MAIL TRANSMITTING COMMENTS ON THE WORKING DRAFT BUNKER HILL MINE
WATER AMD TREATABILITY STUDY WORK PLAN.

6. 9. 2. 1. Vol. 1 - 1125051 DOC ID: 147907
DATE: 7/10/1999 PAGES: 3

AUTHOR(S):
Bruce A. Woods/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:
QUALITY ASSURANCE UNIT COMMENTS ON THE 6/99 BUNKER HILL MINE WATER
TREATABILITY STUDY WORK PLAN.

6. 9. 2. 1. Vol. 1 - 1125181 DOC ID: 148093
DATE: 1/21/2000 PAGES: 1

AUTHOR(S):
Patricia McGrath/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:
E-MAIL PROVIDING COMMENTS ON THE PHASE 2 TREATABILITY TEST APPROACH
MEMORANDUM.

6. 9. 2. 1. Vol. 1 - 1125182 DOC ID: 148094
DATE: 1/22/2000 PAGES: 1

AUTHOR(S):
Bruce A. Woods/EPA

ADDRESSEE(S):
Patricia McGrath/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Bruce A. Woods/EPA

Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL PROVIDING COMMENTS ON THE PHASE 2 TREATABILITY TEST APPROACH MEMORANDUM.

6. 9. 2. 1. Vol. 1 - 1125159 DOC ID: 148057
DATE: 6/27/2000 PAGES: 3
AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: E-MAIL TRANSMITTING COMMENTS FROM B. WOODS ON THE PHASE 2B TREATABILITY TESTING PLAN.

6. 9. 2. 1. Vol. 1 - 1125204 DOC ID: 148101
DATE: 6/28/2000 PAGES: 3
AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL TRANSMITTING A RESPONSE TO QA COMMENTS ON BUNKER HILL MINE WATER TREATABILITY STUDY DRAFT PHASE 2B WORK PLAN.

6. 9. 2. 1. Vol. 1 - 1125206 DOC ID: 148103
DATE: 6/28/2000 PAGES: 1
AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL REGARDING P. MCGRATH'S COMMENTS ON THE PHASE 2B TREATABILITY PLAN, ANNOTATED BY M. VOYTILLA 7/3/00.

6. 9. 2. 1. Vol. 1 - 1125207 DOC ID: 148104
DATE: 6/28/2000 PAGES: 1
AUTHOR(S):
Bruce A. Woods/EPA

ADDRESSEE(S):
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: E-MAIL REGARDING RESPONSES TO B. WOODS COMMENTS ON THE PHASE 2B TEST PLAN.

SUB-HEAD: 6. 9. 3. . Vol. 1 - Sampling and Analysis Plans

6. 9. 3. . Vol. 1 - 1075341 DOC ID: 114240
DATE: 9/17/1998 PAGES: 5
AUTHOR(S):
CH2M Hill, Inc.

ADDRESSEE(S):
Unknown

DESCRIPTION: DRAWING OF A 4X36 CUTTHROAT FLUME AND BACKGROUND INFORMATION.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 3. . Vol. 1 - 1121992 DOC ID: 147833
DATE: 10/1/1998 PAGES: 33

AUTHOR(S):
CH2M Hill, Inc.

ADDRESSEE(S):
EPA

DESCRIPTION: BUNKER HILL MINE WATER MANAGEMENT - QUALITY ASSURANCE PROJECT PLAN.

6. 9. 3. . Vol. 1 - 1125447 DOC ID: 149319
DATE: 10/19/1998 PAGES: 1

AUTHOR(S):
Bruce A. Woods/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: LETTER PROVIDING QUALITY ASSURANCE COMMENTS ON THE 10/98 QUALITY ASSURANCE PROJECT PLAN FOR BUNKER HILL MINE WATER MANAGEMENT.

6. 9. 3. . Vol. 1 - 1121993 DOC ID: 147834
DATE: 11/1/1998 PAGES: 24

AUTHOR(S):
CH2M Hill, Inc.

ADDRESSEE(S):
EPA

DESCRIPTION: BUNKER HILL MINE WATER MANAGEMENT - FIELD SAMPLING PLAN.

SUB-HEAD: 6. 9. 4. . Vol. 1 - Sampling and Analysis Data

6. 9. 4. . Vol. 1 - 1121994 DOC ID: 147861
DATE: 1/11/1999 PAGES: 17

AUTHOR(S):
Laura Castrilli/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26610, SDG: MJAE27

6. 9. 4. . Vol. 1 - 1121995 DOC ID: 147862
DATE: 1/11/1999 PAGES: 6

AUTHOR(S):
Laura Castrilli/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26610, SDG: MJAE38.

6. 9. 4. . Vol. 1 - 1121996 DOC ID: 147863
DATE: 1/11/1999 PAGES: 16

AUTHOR(S):
Laura Castrilli/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26610, SDG: MJAE16.

6. 9. 4. . Vol. 1 - 1121997 DOC ID: 147864
DATE: 1/26/1999 PAGES: 19
AUTHOR(S): ADDRESSEE(S):
Laura Castrilli/EPA Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26698, SDG: MJAE40.

6. 9. 4. . Vol. 1 - 1121998 DOC ID: 147865
DATE: 1/28/1999 PAGES: 38
AUTHOR(S): ADDRESSEE(S):
Laura Castrilli/EPA Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL UN-VALIDATED DATA FOR CASE: 26799, SDGS: MJAF06 & MJAF24.

6. 9. 4. . Vol. 1 - 1121999 DOC ID: 147866
DATE: 2/4/1999 PAGES: 26
AUTHOR(S): ADDRESSEE(S):
Laura Castrilli/EPA Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26738, SDG: MJAE54.

6. 9. 4. . Vol. 1 - 1122000 DOC ID: 147867
DATE: 2/4/1999 PAGES: 11
AUTHOR(S): ADDRESSEE(S):
Laura Castrilli/EPA Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26738, SDG: MJAE74.

6. 9. 4. . Vol. 1 - 1125001 DOC ID: 147868
DATE: 3/1/1999 PAGES: 18
AUTHOR(S): ADDRESSEE(S):
Laura Castrilli/EPA Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26747, SDG: MJAE88.

6. 9. 4. . Vol. 1 - 1125002 DOC ID: 147869
DATE: 3/1/1999 PAGES: 18
AUTHOR(S): ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Laura Castrilli/EPA

Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26747, SDG: MJAE80.

6. 9. 4. . Vol. 1 - 1125003 DOC ID: 147870
DATE: 4/12/1999 PAGES: 26

AUTHOR(S):
Laura Castrilli/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26799, SDG: MJAF24.

6. 9. 4. . Vol. 1 - 1125004 DOC ID: 147871
DATE: 4/12/1999 PAGES: 22

AUTHOR(S):
Laura Castrilli/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26799, SDG: MJAF06.

6. 9. 4. . Vol. 1 - 1125005 DOC ID: 147872
DATE: 4/15/1999 PAGES: 17

AUTHOR(S):
Laura Castrilli/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26852, SDG: MJAF64.

6. 9. 4. . Vol. 1 - 1125006 DOC ID: 147873
DATE: 4/15/1999 PAGES: 26

AUTHOR(S):
Laura Castrilli/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26852, SDG: MJAF44.

6. 9. 4. . Vol. 1 - 1125093 DOC ID: 147957
DATE: 4/28/1999 PAGES: 12

AUTHOR(S):
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

Bill Hudson/CH2M Hill, Inc.

John Riley/Pyrite Hydrochem

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Jim Stefanoff/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION:

TECHNICAL MEMORANDUM: SUPPLEMENT NO. 1A - CONCEPTUAL MODEL INTERIM DATA SUMMARY FOR THE 1998/1999 MONITORING PROGRAM - BUNKER HILL MINE WATER MANAGEMENT.

6. 9. 4. . Vol. 1 - 1125007 DOC ID: 147874
DATE: 5/12/1999 PAGES: 25

AUTHOR(S):
Laura Castrilli/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26891, SDG: MJAF76.

6. 9. 4. . Vol. 1 - 1125008 DOC ID: 147875
DATE: 5/12/1999 PAGES: 17

AUTHOR(S):
Laura Castrilli/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26891, SDG: MJAH52.

6. 9. 4. . Vol. 1 - 1125009 DOC ID: 147876
DATE: 6/14/1999 PAGES: 4

AUTHOR(S):
Laura Castrilli/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26747, SDG: MJAE80 - RE-ANALYSIS FOR ZINC ON SAMPLE MJAE80.

6. 9. 4. . Vol. 1 - 1125010 DOC ID: 147877
DATE: 6/17/1999 PAGES: 14

AUTHOR(S):
Laura Castrilli/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26932, SDG: MJAH64.

6. 9. 4. . Vol. 1 - 1125011 DOC ID: 147879
DATE: 6/17/1999 PAGES: 25

AUTHOR(S):
Laura Castrilli/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26932, SDG: MJAH74.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 4. . Vol. 1 - 1125012 DOC ID: 147880
DATE: 7/21/1999 PAGES: 19

AUTHOR(S):
Laura Castrilli/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 27004, SDG: MJAJ11.

6. 9. 4. . Vol. 1 - 1125013 DOC ID: 147881
DATE: 7/28/1999 PAGES: 20

AUTHOR(S):
Laura Castrilli/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26965, SDG: MJAH96.

6. 9. 4. . Vol. 1 - 1125014 DOC ID: 147882
DATE: 8/9/1999 PAGES: 24

AUTHOR(S):
Laura Castrilli/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 27067, SDG: MJAJ25.

6. 9. 4. . Vol. 1 - 1125015 DOC ID: 147883
DATE: 8/18/1999 PAGES: 23

AUTHOR(S):
Laura Castrilli/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 27105, SDG: MJAK27.

6. 9. 4. . Vol. 1 - 1125016 DOC ID: 147884
DATE: 8/25/1999 PAGES: 17

AUTHOR(S):
Laura Castrilli/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 27105, SDG: MJAK44.

6. 9. 4. . Vol. 1 - 1125017 DOC ID: 147885
DATE: 9/16/1999 PAGES: 15

AUTHOR(S):
Laura Castrilli/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 27168, SDG: MJAK56.

6. 9. 4. . Vol. 1 - 1125094 DOC ID: 147958
DATE: 10/4/1999 PAGES: 5
AUTHOR(S): Nahide Gulensoi/CH2M Hill, Inc. ADDRESSEE(S): Mary Kay Voytilla/EPA
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: TECHNICAL MEMORANDUM: HANNA STOPE WATER QUALITY SAMPLE RESULTS.

6. 9. 4. . Vol. 1 - 1125018 DOC ID: 147886
DATE: 10/6/1999 PAGES: 17
AUTHOR(S): Laura Castrilli/EPA ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 27252, SDG: MJAK65.

6. 9. 4. . Vol. 1 - 1125019 DOC ID: 147887
DATE: 11/24/1999 PAGES: 25
AUTHOR(S): Laura Castrilli/EPA ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 27338, SDG: MJAK77.

6. 9. 4. . Vol. 1 - 1125020 DOC ID: 147888
DATE: 11/24/1999 PAGES: 15
AUTHOR(S): Laura Castrilli/EPA ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 27338, SDG: MJAK97.

6. 9. 4. . Vol. 1 - 1125095 DOC ID: 147959
DATE: 11/24/1999 PAGES: 14
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc. ADDRESSEE(S): Gary Hickman/CH2M Hill, Inc.
Patricia McGrath/EPA
Mary Kay Voytilla/EPA
Bruce A. Woods/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Jim Stefanoff/CH2M Hill, Inc.

Robert J. York/CH2M Hill, Inc.

DESCRIPTION:

E-MAIL TRANSMITTING THE TECHNICAL MEMORANDUM: BUNKER HILL MINE WATER TREATABILITY STUDY - SUMMARY OF PHASE 1 RESULTS TO DATE.

6. 9. 4. . Vol. 1 - 1125226 DOC ID: 148161
DATE: 1/3/2000 PAGES: 4

AUTHOR(S):
Gary Hickman/CH2M Hill, Inc.

ADDRESSEE(S):
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

TECHNICAL MEMORANDUM: BUNKER HILL MINE WATER TREATABILITY STUDY - PHASE 1 FOLLOW-UP TESTING RESULTS.

6. 9. 4. . Vol. 1 - 1125021 DOC ID: 147889
DATE: 2/1/2000 PAGES: 111

AUTHOR(S):
CH2M Hill, Inc.

ADDRESSEE(S):
EPA

URS Greiner, Inc.

DESCRIPTION:

SUPPLEMENT NO. 1B - BUNKER HILL MINE CONCEPTUAL MODEL - FINAL DATA SUMMARY FOR 1998/1999 MONITORING PROGRAM.

6. 9. 4. . Vol. 1 - 1125022 DOC ID: 147890
DATE: 2/7/2000 PAGES: 33

AUTHOR(S):
CH2M Hill, Inc.

ADDRESSEE(S):
EPA

URS Greiner, Inc.

DESCRIPTION:

PHASE 1 TESTING RESULTS - BUNKER HILL MINE WATER TREATABILITY STUDY.

6. 9. 4. . Vol. 1 - 1125227 DOC ID: 148162
DATE: 4/14/2000 PAGES: 4

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Ben Cope/EPA

Bill Hudson/CH2M Hill, Inc.

Patricia McGrath/EPA

Mary Kay Voytilla/EPA

Bruce A. Woods/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: E-MAIL TRANSMITTING BUNKER HILL MINE WATER PHASE 2A TREATABILITY RESULTS.

WITH SEVEN ADDITIONAL ADDRESSEES.

6. 9. 4. . Vol. 1 - 1125023 DOC ID: 147891
DATE: 11/1/2000 PAGES: 56
AUTHOR(S): CH2M Hill, Inc. ADDRESSEE(S):
EPA

URS Greiner, Inc.

DESCRIPTION: PHASE 2 TESTING RESULTS - BUNKER HILL MINE WATER TREATABILITY STUDY.

SUB-HEAD: 6. 9. 5. . Vol. 1 - Health and Safety Plans

6. 9. 5. . Vol. 1 - 1125024 DOC ID: 147835
DATE: 10/1/1998 PAGES: 66
AUTHOR(S): CH2M Hill, Inc. ADDRESSEE(S):
EPA

DESCRIPTION: BUNKER HILL MINE WATER MANAGEMENT - HEALTH AND SAFETY PLAN.

6. 9. 5. . Vol. 1 - 1125025 DOC ID: 147836
DATE: 6/1/2000 PAGES: 96
AUTHOR(S): CH2M Hill, Inc. ADDRESSEE(S):
EPA

DESCRIPTION: BUNKER HILL MINE WATER HEALTH AND SAFETY PLAN.

SUB-HEAD: 6. 9. 6. . Vol. 1 - Applicable or Relevant and Appropriate Requirements (ARAR's)

6. 9. 6. . Vol. 1 - 1125228 DOC ID: 148196
DATE: 8/23/2000 PAGES: 1
AUTHOR(S): Mary Kay Voytilla/EPA ADDRESSEE(S):
Jennifer Byrne/EPA

Clifford J. Villa/EPA

DESCRIPTION: E-MAIL REGARDING USING TOTAL MAXIMUM DAILY LOADS (TMDLS) AS APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS).

6. 9. 6. . Vol. 1 - 1125229 DOC ID: 148197
DATE: 8/31/2000 PAGES: 2
AUTHOR(S): Brenda Osterhaug/CH2M Hill, Inc. ADDRESSEE(S):
Steven Hughes/URS Greiner, Inc.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Brenda Osterhaug/CH2M Hill, Inc.

Susan King/URS Greiner, Inc.

DESCRIPTION:

E-MAIL TRANSMITTING AN E-MAIL BY P. O'FLAHERTY SUGGESTING BUNKER HILL APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARAR) UPDATES.

6. 9. 6. . Vol. 1 - 1125230 DOC ID: 148198

DATE: 10/9/2000 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Michael Thomas/Idaho Dept. of
Environmental Quality

DESCRIPTION:

LETTER REGARDING STATE IDENTIFICATION OF APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS AND TO BE CONSIDERED MATERIAL FOR THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY PROCESS.

6. 9. 6. . Vol. 1 - 1125316 DOC ID: 148638

DATE: 10/24/2000 PAGES: 2

AUTHOR(S):
Clifford J. Villa/EPA

ADDRESSEE(S):
Mary Jane Nearman/EPA

DESCRIPTION:

MEMORANDUM PROVIDING COMMENTS ON THE DRAFT ECOLOGICAL FEASIBILITY STUDY, ALSO REGARDING THE USE OF TOTAL MAXIMUM DAILY LOADS (TMDLS) AS APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS).

ORIGINAL CONFIDENTIAL DOCUMENT 148200 IS IN SITE FILE FOLDER 6.9.10.

6. 9. 6. . Vol. 1 - 1125232 DOC ID: 148202

DATE: 11/7/2000 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Jennifer Byrne/EPA

Judi Schwarz/EPA

Jim Stefanoff/CH2M Hill, Inc.

Michael Thomas/Idaho Dept. of
Environmental Quality

Patt O'Flaherty/CH2M Hill, Inc.

DESCRIPTION:

E-MAIL REGARDING THE BUNKER HILL ARARS MEETING RESCHEDULED OPERATIONS & MAINTENANCE (O&M) FOLLOW-UP ITEMS, ANNOTATED.

WITH ONE ADDITIONAL ADDRESSEES.

6. 9. 6. . Vol. 1 - 1125233 DOC ID: 148205

DATE: 12/5/2000 PAGES: 1

AUTHOR(S):
Patt O'Flaherty/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL TRANSMITTING AN E-MAIL FROM R. CHANG PROVIDING NOTES FROM A TELECONFERENCE WITH M. THOMAS REGARDING BUNKER HILL ACID MINE DRAINAGE.

6. 9. 6. . Vol. 1 - 1125234 DOC ID: 148206
DATE: 12/18/2000 PAGES: 4

AUTHOR(S): Michael Thomas/Idaho Dept. of Environmental Quality
ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION:

LETTER PROVIDING IDENTIFICATION OF STATE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS.

SUB-HEAD: 6. 9. 7. . Vol. 1 - Remedial Investigation/Feasibility Study Reports

6. 9. 7. . Vol. 1 - 1125277 DOC ID: 148410
DATE: 4/1/2001 PAGES: 629

AUTHOR(S): CH2M Hill, Inc.
ADDRESSEE(S): EPA

URS Greiner, Inc.

DESCRIPTION:

BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS).

SUB-HEAD: 6. 9. 7. 1. Vol. 1 - Comments/Evaluations and Responses

6. 9. 7. 1. Vol. 1 - 1125160 DOC ID: 148058
DATE: 8/15/2000 PAGES: 7

AUTHOR(S): Mary Kay Voytilla/EPA
ADDRESSEE(S): CH2M Hill, Inc.

DESCRIPTION:

EPA COMMENTS ON THE 7/00 DRAFT BUNKER HILL MINE WATER REMEDIAL INVESTIGATION/FEASIBILITY STUDY REPORT, SECTIONS 1.0 AND 2.0.

6. 9. 7. 1. Vol. 1 - 1125163 DOC ID: 148062
DATE: 8/31/2000 PAGES: 1

AUTHOR(S): Mary Kay Voytilla/EPA
ADDRESSEE(S): Dale R. Ralston/Ralston Hydrologic Services

John Riley/Pyrite Hydrochem

Jim Stefanoff/CH2M Hill, Inc.

Michael Thomas/Idaho Division of Environmental Quality

Nick Zilka/Idaho Division of Environmental Quality

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

MEMORANDUM TRANSMITTING THE DRAFT BUNKER HILL MINE WATER MANAGEMENT
REMEDIAL INVESTIGATION/FEASIBILITY STUDY REPORT (WITHOUT ATTACHMENT)
WITH COMMENTS FROM N. CETO TO M. VOYTILLA.

WITH THREE ADDITIONAL ADDRESSEES.

6. 9. 7. 1. Vol. 1 - 1125212 DOC ID: 148108

DATE: 9/21/2000 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Bill Hudson/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

Michael Thomas/Idaho Dept. of
Environmental Quality

Nick Zilka/Idaho Division of Environmental
Quality

DESCRIPTION:

E-MAIL REGARDING A MEETING WITH BOB HOPPER TO GO OVER HIS REMEDIAL
INVESTIGATION/FEASIBILITY STUDY COMMENTS.

6. 9. 7. 1. Vol. 1 - 1125165 DOC ID: 148064

DATE: 9/27/2000 PAGES: 6

AUTHOR(S):
Dale R. Ralston/Ralston Hydrologic Services

ADDRESSEE(S):
Michael Thomas/Idaho Division of
Environmental Quality

Ian H. von Lindern/TerraGraphics
Environmental Engineering, Inc.

DESCRIPTION:

LETTER PROVIDING COMMENTS ON THE 8/29/00 BUNKER HILL MINE WATER
MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 7. 1. Vol. 1 - 1125213 DOC ID: 148109

DATE: 9/27/2000 PAGES: 1

AUTHOR(S):
Nick Zilka/Idaho Dept. of Environmental Quality

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL PROVIDING COMMENTS ON THE DRAFT REMEDIAL
INVESTIGATION/FEASIBILITY STUDY.

6. 9. 7. 1. Vol. 1 - 1125166 DOC ID: 148076

DATE: 9/29/2000 PAGES: 7

AUTHOR(S):
Ben Cope/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL COMMENTS ON THE DRAFT BUNKER HILL MINE WATER MANAGEMENT
REMEDIAL INVESTIGATION/FEASIBILITY STUDY, 8/29/00.

6. 9. 7. 1. Vol. 1 - 1125167 DOC ID: 148078

DATE: 9/29/2000 PAGES: 6

AUTHOR(S):
ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Cami Grandinetti/EPA

Jim Stefanoff/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL TRANSMITTING COMMENTS ON THE 8/29/00 DRAFT BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 7. 1. Vol. 1 - 1125169 DOC ID: 148081
DATE: 10/2/2000 PAGES: 2

AUTHOR(S):
Andrea Brooks/TerraGraphics Environmental
Engineering, Inc.
Ian H. von Lindern/TerraGraphics Environmental
Engineering, Inc.

ADDRESSEE(S):
Michael Thomas/Idaho Dept. of
Environmental Quality

DESCRIPTION:

MEMORANDUM PROVIDING COMMENTS ON THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 7. 1. Vol. 1 - 1125170 DOC ID: 148082
DATE: 10/5/2000 PAGES: 7

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
CH2M Hill, Inc.

DESCRIPTION:

EPA'S COMMENTS ON THE 8/29/00 DRAFT BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 7. 1. Vol. 1 - 1125174 DOC ID: 148088
DATE: 11/9/2000 PAGES: 8

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
CH2M Hill, Inc.

DESCRIPTION:

ADDITIONAL EPA COMMENTS ON 8/29/00 DRAFT BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 7. 1. Vol. 1 - 1125176 DOC ID: 148091
DATE: 12/7/2000 PAGES: 4

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
CH2M Hill, Inc.

DESCRIPTION:

EPA'S COMMENTS ON EPA AND DEQ REVIEW DRAFT SECTION 2.6 IDENTIFICATION OF POTENTIALLY APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS, REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 7. 1. Vol. 1 - 1125177 DOC ID: 148092
DATE: 12/12/2000 PAGES: 4

AUTHOR(S):
Dale R. Ralston/Ralston Hydrologic Services

ADDRESSEE(S):
Jim Stefanoff/CH2M Hill, Inc.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Dale R. Ralston/Ralston Hydrologic Services

Ian H. von Lindern/TerraGraphics
Environmental Engineering, Inc.

DESCRIPTION: LETTER PROVIDING COMMENTS ON THE 8/29/00 DRAFT BUNKER HILL MINE WATER
MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 7. 1. Vol. 1 - 1125286 DOC ID: 148546
DATE: 1/30/2001 PAGES: 3

AUTHOR(S):
Robert Hopper/New Bunker Hill Mining Co.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: LETTER PROVIDING COMMENTS ON THE BUNKER HILL RISK ASSESSMENT.

6. 9. 7. 1. Vol. 1 - 1125670 DOC ID: 150388
DATE: 5/18/2001 PAGES: 2

AUTHOR(S):
Phillip J. Cernera/Coeur d'Alene Tribe

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: LETTER PROVIDING COMMENTS AND CONCERNS REGARDING THE BUNKER HILL
MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS).

6. 9. 7. 1. Vol. 1 - 1125577 DOC ID: 149805
DATE: 6/21/2001 PAGES: 3

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Robert Hopper/New Bunker Hill Mining Co.

DESCRIPTION: LETTER RESPONDING TO 6/21/01 CORRESPONDENCE PROVIDING A TIME
EXTENSION TO PROVIDE COMMENTS ON THE DRAFT PROPOSED PLAN, ALSO
TRANSMITTING TEXT TO BE INCLUDED IN THE COMMUNITY ACCEPTANCE SECTION
OF THE PROPOSED PLAN.

6. 9. 7. 1. Vol. 1 - 1125578 DOC ID: 149806
DATE: 6/21/2001 PAGES: 1

AUTHOR(S):
Robin Stanley/SNRC Science Committee

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: LETTER REQUESTING A POSTPONEMENT OF THE PUBLIC COMMENT PERIOD FOR
FURTHER REVIEW OF THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 7. 1. Vol. 1 - 1125671 DOC ID: 150390
DATE: 7/2/2001 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Phillip J. Cernera/Coeur d'Alene Tribe

DESCRIPTION:

LETTER NOTING THAT RESPONSES TO COMMENTS RECEIVED DURING THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) AND PROPOSED PLAN PUBLIC COMMENT PERIOD WILL BE INCLUDED IN A RESPONSIVENESS SUMMARY.

6. 9. 7. 1. Vol. 1 - 1125672 DOC ID: 150392
DATE: 7/3/2001 PAGES: 3

AUTHOR(S): Michael F. Gearheard/EPA
ADDRESSEE(S): Robin Stanley/SNRC Science Committee

DESCRIPTION:

LETTER RESPONDING TO A REQUEST FOR POSTPONEMENT OF THE PUBLIC COMMENT PERIOD ON THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS).

SUB-HEAD: 6. 9. 8. . Vol. 1 - Other RI/FS Technical Reports

6. 9. 8. . Vol. 1 - 1125444 DOC ID: 126599
DATE: 9/14/1998 PAGES: 48

AUTHOR(S): Hank Edenborn/U. S. Dept. of Energy
ADDRESSEE(S): Cami Grandinetti/EPA

DESCRIPTION:

LETTER TRANSMITTING A COPY OF THE FINAL REPORT FOR THE BUNKER HILL COLLECTED WATER WETLANDS STUDY.

6. 9. 8. . Vol. 1 - 1125313 DOC ID: 114256
DATE: 2/9/1999 PAGES: 13

AUTHOR(S): Matt Germon/CH2M Hill, Inc.
ADDRESSEE(S): Mary Kay Voytilla/EPA

Bill Hudson/CH2M Hill, Inc.

John Riley/Pyrite Hydrochem

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

TECHNICAL MEMORANDUM: INTERIM DATA EVALUATION BUNKER HILL MINE WATER 1998/1999 SAMPLING PROGRAM.

6. 9. 8. . Vol. 1 - 1125084 DOC ID: 147941
DATE: 5/5/1999 PAGES: 13

AUTHOR(S): Chuck Gruenenfelder/CH2M Hill, Inc.
ADDRESSEE(S): Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

TECHNICAL MEMORANDUM: ANALYSIS OF BUNKER HILL MINE POOL AND SOUTH FORK COEUR D'ALENE RIVER HYDRAULIC RELATIONSHIPS AND ESTIMATION OF GROUNDWATER TRAVEL TIMES.

6. 9. 8. . Vol. 1 - 1125085 DOC ID: 147942
DATE: 5/12/1999 PAGES: 4

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

Robert J. York/CH2M Hill, Inc.

DESCRIPTION:

TECHNICAL MEMORANDUM: EVALUATION OF CO-TREATMENT OF STORMWATER AND SANITARY WASTEWATER WITH ACID MINE DRAINAGE.

6. 9. 8. . Vol. 1 - 1125086 DOC ID: 147943
DATE: 5/19/1999 PAGES: 5

AUTHOR(S):
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

David Bunte/CH2M Hill, Inc.

DESCRIPTION:

MEMORANDUM: HANNA STOPE RECONNAISSANCE PLAN.

6. 9. 8. . Vol. 1 - 1125026 DOC ID: 147837
DATE: 7/1/1999 PAGES: 120

AUTHOR(S):
CH2M Hill, Inc.

ADDRESSEE(S):
EPA

DESCRIPTION:

BUNKER HILL MINE WATER MANAGEMENT - HYDROLOGIC EVALUATION OF KELLOGG TUNNEL AND SOUTH FORK COEUR D'ALENE RIVER.

6. 9. 8. . Vol. 1 - 1125027 DOC ID: 147838
DATE: 7/1/1999 PAGES: 20

AUTHOR(S):
CH2M Hill, Inc.

ADDRESSEE(S):
EPA

DESCRIPTION:

BUNKER HILL MINE WATER PRESUMPTIVE REMEDY - COST/BENEFIT ANALYSIS - SURFACE WATER DIVERSIONS.

6. 9. 8. . Vol. 1 - 1125028 DOC ID: 147839
DATE: 7/1/1999 PAGES: 55

AUTHOR(S):
CH2M Hill, Inc.

ADDRESSEE(S):
EPA

DESCRIPTION:

MINE CONTINGENCY PLAN FOR THE BUNKER HILL MINE KELLOGG, IDAHO.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 8. . Vol. 1 - 1125029 DOC ID: 147840
DATE: 7/1/1999 PAGES: 264
AUTHOR(S): ADDRESSEE(S):
CH2M Hill, Inc. EPA

DESCRIPTION: BUNKER HILL MINE WATER PRESUMPTIVE REMEDY.

SUB-HEAD: 6. 9. 8. . Vol. 2 - Other RI/SF Technical Reports

6. 9. 8. . Vol. 2 - 1125030 DOC ID: 147841
DATE: 7/1/1999 PAGES: 86
AUTHOR(S): ADDRESSEE(S):
CH2M Hill, Inc. EPA

DESCRIPTION: ACID MINE DRAINAGE - BUNKER HILL MINE WATER CONCEPTUAL MODEL.

6. 9. 8. . Vol. 2 - 1125088 DOC ID: 147945
DATE: 7/8/1999 PAGES: 17
AUTHOR(S): ADDRESSEE(S):
Jay Dehner/CH2M Hill, Inc. Mary Kay Voytilla/EPA

Bill Hudson/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: TECHNICAL MEMORANDUM: NEXT STEPS: AMD GENERATION MITIGATIONS.

6. 9. 8. . Vol. 2 - 1125089 DOC ID: 147946
DATE: 7/22/1999 PAGES: 19
AUTHOR(S): ADDRESSEE(S):
Ken Green/CH2M Hill, Inc. Mary Kay Voytilla/EPA

Jay Dehner/CH2M Hill, Inc.

DESCRIPTION: TECHNICAL MEMORANDUM: FIELD RECONNAISSANCE OF HANNA STOPE.

6. 9. 8. . Vol. 2 - 1125031 DOC ID: 147842
DATE: 8/1/1999 PAGES: 20
AUTHOR(S): ADDRESSEE(S):
CH2M Hill, Inc. EPA

DESCRIPTION: BUNKER HILL MINE WATER PRESUMPTIVE REMEDY - COST/BENEFIT ANALYSIS -
SURFACE WATER DIVERSIONS (3,500-GPM CTP CAPACITY).

6. 9. 8. . Vol. 2 - 1125090 DOC ID: 147947
DATE: 8/23/1999 PAGES: 4
AUTHOR(S): ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Jim Stefanoff/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION: TECHNICAL MEMORANDUM: USE OF KB-1 TO TREAT BUNKER HILL MINE WATER.

6. 9. 8. . Vol. 2 - 1125032 DOC ID: 147843
DATE: 9/1/1999 PAGES: 46
AUTHOR(S): CH2M Hill, Inc. ADDRESSEE(S):
EPA

DESCRIPTION: BUNKER HILL MINE WATER PRESUMPTIVE REMEDY - BUNKER HILL MINE FLOOD -
STANLY ORE BODY IN-MINE RECONNAISSANCE REPORT.

6. 9. 8. . Vol. 2 - 1125091 DOC ID: 147949
DATE: 9/14/1999 PAGES: 3
AUTHOR(S): Gary Hickman/CH2M Hill, Inc. ADDRESSEE(S):
Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: TECHNICAL MEMORANDUM: ADDENDUM: BUNKER HILL MINE WATER TREATABILITY
STUDY WORK PLAN.

6. 9. 8. . Vol. 2 - 1125092 DOC ID: 147951
DATE: 9/20/1999 PAGES: 6
AUTHOR(S): Matt Germon/CH2M Hill, Inc. ADDRESSEE(S):
Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

Robert J. York/CH2M Hill, Inc.

DESCRIPTION: DRAFT MEMORANDUM: EVALUATION OF POSSIBLE TMDL COMPLIANCE STRATEGIES -
BUNKER HILL MINE WATER MANAGEMENT PROJECT.

6. 9. 8. . Vol. 2 - 1125235 DOC ID: 148221
DATE: 1/11/2000 PAGES: 3
AUTHOR(S): Artemis Antipas/CH2M Hill, Inc. ADDRESSEE(S):
Gary Hickman/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: MEMORANDUM: BUNKER HILL MINE WATER TREATABILITY STUDY - DETECTION LIMIT
AND ANALYTICAL METHOD SELECTION.

6. 9. 8. . Vol. 2 - 1125033 DOC ID: 147844
DATE: 1/13/2000 PAGES: 20
AUTHOR(S): ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Robert Martin/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION:

MILO CREEK PIEZOMETER INSTALLATION - BUNKER HILL MINE WATER MANAGEMENT.

6. 9. 8. . Vol. 2 - 1125034

DOC ID: 147845

DATE: 2/7/2000

PAGES: 53

AUTHOR(S):

CH2M Hill, Inc.

ADDRESSEE(S):

EPA

URS Greiner, Inc.

DESCRIPTION:

FINAL REPORT - HYDROLOGIC EVALUATION FOR BUNKER HILL MINE TOTAL MAXIMUM DAILY LOAD (TMDL) COMPLIANCE - BUNKER HILL MINE WATER MANAGEMENT.

6. 9. 8. . Vol. 2 - 1125236

DOC ID: 148222

DATE: 2/11/2000

PAGES: 6

AUTHOR(S):

Bob Martin/CH2M Hill, Inc.

ADDRESSEE(S):

Mary Kay Voytilla/EPA

Travis Pyle/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

MEMORANDUM: MILO CREEK DATA LOGGER INSTALLATIONS.

6. 9. 8. . Vol. 2 - 1125035

DOC ID: 147846

DATE: 3/24/2000

PAGES: 44

AUTHOR(S):

David Bunte/CH2M Hill, Inc.

ADDRESSEE(S):

Mary Kay Voytilla/EPA

Jay Dehner/CH2M Hill, Inc.

Ken Green/CH2M Hill, Inc.

Bill Hudson/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

ANALYSIS OF ACID MINE DRAINAGE (AMD) SLUDGE DISPOSAL IN HANNA STOPE.

6. 9. 8. . Vol. 2 - 1125237

DOC ID: 148223

DATE: 5/5/2000

PAGES: 10

AUTHOR(S):

Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):

Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

DRAFT TECHNICAL MEMORANDUM: COMMONLY ASKED BUNKER HILL MINE WATER
TOTAL MAXIMUM DAILY LOAD (TMDL) COMPLIANCE QUESTIONS.

6. 9. 8. . Vol. 2 - 1125240

DOC ID: 148227

DATE: 5/30/2000

PAGES: 4

AUTHOR(S):

Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):

Mary Kay Voytilla/EPA

DESCRIPTION:

MEMORANDUM: IN-MINE ACID MINE DRAINAGE (AMD) MITIGATION STRATEGIES.

6. 9. 8. . Vol. 2 - 1125242

DOC ID: 148229

DATE: 6/23/2000

PAGES: 9

AUTHOR(S):

Dick Glanzman/CH2M Hill, Inc.

ADDRESSEE(S):

Mary Kay Voytilla/EPA

Travis Pyle/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

TECHNICAL MEMORANDUM: BUNKER HILL IN-MINE ACID MINE DRAINAGE (AMD)
MITIGATION STRATEGY - COLLECTION OF POOR QUALITY WATER AND DISCHARGE
BELOW 14 LEVEL.

6. 9. 8. . Vol. 2 - 1125243

DOC ID: 148230

DATE: 6/26/2000

PAGES: 28

AUTHOR(S):

Dick Glanzman/CH2M Hill, Inc.

ADDRESSEE(S):

Mary Kay Voytilla/EPA

Kirk Nordstrom/USGS

Dale R. Ralston/Ralston Hydrologic Services

John Riley/Pyrite Hydrochem

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

DRAFT TECHNICAL MEMORANDUM: POTENTIAL FOR LIME AND SLUDGE REDUCTION
BY BUNKER HILL MINE WATER MITIGATION MEASURES.

6. 9. 8. . Vol. 2 - 1125244

DOC ID: 148231

DATE: 8/14/2000

PAGES: 17

AUTHOR(S):

Jamiyo Mack/CH2M Hill, Inc.

ADDRESSEE(S):

Mary Kay Voytilla/EPA

Bill Murdock/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Robert J. York/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION: TECHNICAL MEMORANDUM: CENTRAL TREATMENT PLANT (CTP) MASTER PLAN FOR IMPROVEMENTS.

6. 9. 8. . Vol. 2 - 1125314 DOC ID: 148534
DATE: 1/5/2001 PAGES: 11

AUTHOR(S):
Karen Dawson/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

Travis Pyle/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: DRAFT TECHNICAL MEMORANDUM - BUNKER HILL CONCEPTUAL DESIGN OF A LINED SLUDGE DISPOSAL BED WITHIN THE SLUDGE IMPOUNDMENT AREA ON THE CENTRAL IMPOUNDMENT AREA (CIA).

6. 9. 8. . Vol. 2 - 1125580 DOC ID: 149808
DATE: 6/1/2001 PAGES: 26

AUTHOR(S):
CH2M Hill, Inc.

ADDRESSEE(S):
EPA

URS Greiner, Inc.

DESCRIPTION: BUNKER HILL CENTRAL TREATMENT PLANT (CTP) DISCHARGE QUALITY AND MONITORING PLAN.

6. 9. 8. . Vol. 2 - 1125581 DOC ID: 149809
DATE: 6/1/2001 PAGES: 33

AUTHOR(S):
CH2M Hill, Inc.

ADDRESSEE(S):
EPA

URS Greiner, Inc.

DESCRIPTION: BUNKER HILL MINE WATER PROJECT - BIOLOGICAL ASSESSMENT.

SUB-HEAD: 6. 9. 8. 1. Vol. 1 - Comments/Evaluations and Responses

6. 9. 8. 1. Vol. 1 - 1125278 DOC ID: 148411
DATE: 4/22/1998 PAGES: 1

AUTHOR(S):
Nick Zilka/Idaho Division of Environmental Quality

ADDRESSEE(S):
Cami Grandinetti/EPA

DESCRIPTION: MEMORANDUM PROVIDING COMMENTS ON THE 3/20/98 BUNKER HILL COLLECTED WATER WETLANDS STUDY.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 8. 1. Vol. 1 - 1125280 DOC ID: 148413
DATE: 6/1/1998 PAGES: 3
AUTHOR(S):
Cami Grandinetti/EPA

ADDRESSEE(S):
Hank Edenborn/U. S. Dept. of Energy

DESCRIPTION: MEMORANDUM PROVIDING COMMENTS ON THE 9/14/98 BUNKER HILL COLLECTED WATER WETLANDS STUDY.

6. 9. 8. 1. Vol. 1 - 1075355 DOC ID: 114259
DATE: 2/10/1999 PAGES: 4
AUTHOR(S):
Dale R. Ralston/Ralston Hydrologic Services

ADDRESSEE(S):
Mike Fitzgerald/TerraGraphics
Environmental Engineering, Inc.

DESCRIPTION: COMMENTS ON THE 1/99 DRAFT ACID MINE DRAINAGE - BUNKER HILL MINE WATER CONCEPTUAL MODEL, 1/99 DRAFT BUNKER HILL MINE WATER PRESUMPTIVE REMEDY, 2/99 DRAFT COST/BENEFIT ANALYSIS - SURFACE WATER DIVERSIONS BUNKER HILL MINE WATER PRESUMPTIVE REMEDY, AND
DRAFT MINE CONTINGENCY PLAN FOR THE BUNKER HILL MINE: 1/99.

6. 9. 8. 1. Vol. 1 - 1075359 DOC ID: 114270
DATE: 2/22/1999 PAGES: 10
AUTHOR(S):
Patricia McGrath/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: MEMO REGARDING BUNKER HILL MINE WATER PRESUMPTIVE REMEDY, COMMENTS ON MEMORANDA.

6. 9. 8. 1. Vol. 1 - 1075366 DOC ID: 114305
DATE: 3/17/1999 PAGES: 4
AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: COMMENTS ON THE JANUARY 1999 DRAFT BUNKER HILL MINE WATER PRESUMPTIVE REMEDY DOCUMENTS.

6. 9. 8. 1. Vol. 1 - 1125058 DOC ID: 147914
DATE: 8/4/1999 PAGES: 2
AUTHOR(S):
Bill Hudson/CH2M Hill, Inc.

ADDRESSEE(S):
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: MEMORANDUM PROVIDING 7/99 HYDROLOGIC EVALUATION COMMENTS.

6. 9. 8. 1. Vol. 1 - 1125060 DOC ID: 147917
DATE: 8/10/1999 PAGES: 1
AUTHOR(S):
Ben Cope/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: COMMENTS AND QUESTIONS ON THE 7/99 HYDROLOGIC EVALUATION REPORT.

6. 9. 8. 1. Vol. 1 - 1125061 DOC ID: 147918
DATE: 8/15/1999 PAGES: 2
AUTHOR(S): Dale R. Ralston/Unknown
ADDRESSEE(S): Mike Fitzgerald/TerraGraphics
Environmental Engineering, Inc.

DESCRIPTION: REVIEW COMMENTS ON THE 7/99 HYDROLOGIC EVALUATION OF KELLOGG TUNNEL AND SOUTH FORK COEUR D'ALENE RIVER.

6. 9. 8. 1. Vol. 1 - 1125062 DOC ID: 148312
DATE: 8/16/1999 PAGES: 3
AUTHOR(S): Dale R. Ralston/Ralston Hydrologic Services
ADDRESSEE(S): Mike Fitzgerald/TerraGraphics
Environmental Engineering, Inc.

DESCRIPTION: LETTER TRANSMITTING COMMENTS ON MEMORANDA 7/8/99 NEXT STEPS: AMD GENERATION MITIGATIONS, WEST FORK MILO CREEK SPRING '89 OBSERVATIONS, GUY CAVE GRADING AND CAPPING, 7/22/99 FIELD RECONNAISSANCE OF HANNA STOPE, AND 8/6/99 ANALYSIS OF AMD SLUDGE DISPOSAL I
HANNA STOPE.

6. 9. 8. 1. Vol. 1 - 1125066 DOC ID: 147925
DATE: 9/8/1999 PAGES: 2
AUTHOR(S): Nick Zilka/Idaho Division of Environmental Quality
ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: MEMORANDUM PROVIDING COMMENTS ON THE 7/99 HYDROLOGIC EVALUATION OF KELLOGG TUNNEL AND SOUTH FORK COEUR D'ALENE RIVER REPORT.

6. 9. 8. 1. Vol. 1 - 1125071 DOC ID: 147928
DATE: 9/23/1999 PAGES: 4
AUTHOR(S): Orville Kiehn/EPA
ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: MEMORANDUM PROVIDING TECHNICAL COMMENTS ON THE 7/99 HYDROLOGIC EVALUATION OF KELLOGG TUNNEL AND SOUTH FORK COEUR D'ALENE RIVER AND ANALYSIS OF AMD SLUDGE DISPOSAL IN HANNA STOPE REPORTS.

6. 9. 8. 1. Vol. 1 - 1125072 DOC ID: 147929
DATE: 9/23/1999 PAGES: 3
AUTHOR(S): Mary Kay Voytilla/EPA
ADDRESSEE(S): Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: MEMORANDUM PROVIDING COMMENTS ON THE 7/99 HYDROLOGIC EVALUATION OF KELLOGG TUNNEL AND SOUTH FORK COEUR D'ALENE RIVER AND 8/6/99 ANALYSIS OF AMD SLUDGE DISPOSAL IN HANNA STOPE.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 8. 1. Vol. 1 - 1125075 DOC ID: 147932
DATE: 9/27/1999 PAGES: 2
AUTHOR(S):
John A. Riley/Unknown

ADDRESSEE(S):
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: MEMORANDUM PROVIDING COMMENTS ON THE 7/99 DRAFT HYDROLOGIC
EVALUATION OF KELLOGG TUNNEL AND SOUTH FORK COEUR D'ALENE RIVER.

6. 9. 8. 1. Vol. 1 - 1125128 DOC ID: 148029
DATE: 10/21/1999 PAGES: 2
AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Orville Kiehn/EPA

DESCRIPTION: E-MAIL PROVIDING COMMENTS FROM P. MCGRATH REGARDING THE HYDROLOGY
EVALUATION AND HANNA STOPE SLUDGE MEMO.

6. 9. 8. 1. Vol. 1 - 1125146 DOC ID: 148044
DATE: 2/18/2000 PAGES: 2
AUTHOR(S):
Dale R. Ralston/Ralston Hydrologic Services

ADDRESSEE(S):
Mike Fitzgerald/TerraGraphics
Environmental Engineering, Inc.

DESCRIPTION: LETTER PROVIDING COMMENTS ON THE MILO CREEK PIEZOMETER INSTALLATION,
MILO CREEK DATA LOGGER INSTALLATIONS, AND PHASE 1 TESTING RESULTS.

6. 9. 8. 1. Vol. 1 - 1125150 DOC ID: 148048
DATE: 3/6/2000 PAGES: 3
AUTHOR(S):
Ben Cope/EPA

ADDRESSEE(S):
Patricia McGrath/EPA

Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL TRANSMITTING COMMENTS ON THE DRAFT PRELIMINARY SCREENING FOR
TMDL COMPLIANCE, 2/18/00.

6. 9. 8. 1. Vol. 1 - 1125151 DOC ID: 148049
DATE: 3/6/2000 PAGES: 1
AUTHOR(S):
Patricia McGrath/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL PROVIDING COMMENTS ON THE 2/18/00 DRAFT PRELIMINARY SCREENING
FOR TMDL COMPLIANCE.

6. 9. 8. 1. Vol. 1 - 1125195 DOC ID: 148097
DATE: 3/20/2000 PAGES: 1
AUTHOR(S):
Mike Fitzgerald/TerraGraphics Environmental
Engineering, Inc.

ADDRESSEE(S):
Jim Stefanoff/CH2M Hill, Inc.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: E-MAIL PROVIDING COMMENTS ON THE DRAFT HANNA STOPE EVALUATION.

6. 9. 8. 1. Vol. 1 - 1125153 DOC ID: 148051
DATE: 4/3/2000 PAGES: 14

AUTHOR(S):
Mike Fitzgerald/TerraGraphics Environmental
Engineering, Inc.

ADDRESSEE(S):
Jim Stefanoff/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION: MEMORANDUM PROVIDING COMMENTS ON THE DRAFT PRELIMINARY SCREENING
FOR TMDL COMPLIANCE AND ITS SUPPLEMENT, BUNKER HILL REMEDIAL
INVESTIGATION/FEASIBILITY STUDY.

6. 9. 8. 1. Vol. 1 - 1125154 DOC ID: 148052
DATE: 4/7/2000 PAGES: 2

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: MEMORANDUM PROVIDING COMMENTS ON THE 2/18/00 AND 3/13/00 DRAFT
PRELIMINARY SCREENING FOR TMDL COMPLIANCE DOCUMENTS.

6. 9. 8. 1. Vol. 1 - 1125208 DOC ID: 148105
DATE: 7/10/2000 PAGES: 1

AUTHOR(S):
Mary Kay Voytilla/EPA

ADDRESSEE(S):
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: E-MAIL PROVIDING COMMENTS ON THE 6/26/00 DRAFT TECHNICAL MEMORANDUM,
POTENTIAL FOR LIME AND SLUDGE REDUCTION BY BUNKER HILL MINE WATER
MITIGATION MEASURES.

SUB-HEAD: 6. 9. 9. . Vol. 1 - Proposed Plan

6. 9. 9. . Vol. 1 - 1125566 DOC ID: 149775
DATE: 7/1/2001 PAGES: 22

AUTHOR(S):
EPA

ADDRESSEE(S):
Unknown

DESCRIPTION: PROPOSED PLAN FOR THE BUNKER HILL SUPERFUND SITE - BUNKER HILL MINE
WATER MANAGEMENT.

SUB-HEAD: 6. 9. 9. 1. Vol. 1 - Comments/Evaluations and Responses

6. 9. 9. 1. Vol. 1 - 1125558 DOC ID: 149765
DATE: 9/12/2000 PAGES: 1

AUTHOR(S):
Andrea Brooks/TerraGraphics Environmental Engineering, Inc. Nick Zilka/Idaho Dept. of Environmental Quality

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: MEMORANDUM PROVIDING COMMENTS ON THE 6/01 BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125490 DOC ID: 149501
DATE: 5/9/2001 PAGES: 9
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc. ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: COMMENTS ON THE BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125491 DOC ID: 149502
DATE: 5/16/2001 PAGES: 2
AUTHOR(S): Nick Zilka/Idaho Dept. of Environmental Quality ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: COMMENTS ON THE BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125492 DOC ID: 149503
DATE: 5/16/2001 PAGES: 4
AUTHOR(S): Dale R. Ralston/Ralston Hydrologic Services ADDRESSEE(S):
Andrea Brooks/TerraGraphics Environmental Engineering, Inc.
Ian H. von Lindern/TerraGraphics Environmental Engineering, Inc.
Nick Zilka/Idaho Dept. of Environmental Quality

DESCRIPTION: COMMENTS ON THE DRAFT PROPOSED PLAN FOR THE BUNKER HILL SUPERFUND SITE BUNKER HILL MINE WATER MANAGEMENT.

6. 9. 9. 1. Vol. 1 - 1125493 DOC ID: 149504
DATE: 5/18/2001 PAGES: 6
AUTHOR(S): Nick Zilka/Idaho Dept. of Environmental Quality ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL TRANSMITTING COMMENTS ON THE BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125494 DOC ID: 149505
DATE: 5/18/2001 PAGES: 1
AUTHOR(S): Nick Zilka/Idaho Dept. of Environmental Quality ADDRESSEE(S): Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

E-MAIL PROVIDING COMMENTS ON THE BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN BY C. MOSS.

6. 9. 9. 1. Vol. 1 - 1125495 DOC ID: 149537
DATE: 5/21/2001 PAGES: 2

AUTHOR(S):
Bill Hudson/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

MEMORANDUM PROVIDING COMMENTS ON THE BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125559 DOC ID: 149766
DATE: 6/13/2001 PAGES: 2

AUTHOR(S):
Dale R. Ralston/Ralston Hydrologic Services

ADDRESSEE(S):
Andrea Brooks/TerraGraphics Environmental Engineering, Inc.
Ian H. von Lindern/TerraGraphics Environmental Engineering, Inc.
Nick Zilka/Idaho Dept. of Environmental Quality

DESCRIPTION:

COMMENTS ON THE 6/01 BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125560 DOC ID: 149767
DATE: 6/15/2001 PAGES: 4

AUTHOR(S):
Judy R. Smith/EPA

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL TRANSMITTING COMMENTS ON THE 6/01 BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN, INCLUDES COMMUNITY INVOLVEMENT SECTION TEXT FOR THE PLAN.

6. 9. 9. 1. Vol. 1 - 1125561 DOC ID: 149768
DATE: 6/18/2001 PAGES: 1

AUTHOR(S):
Bill Hudson/CH2M Hill, Inc.

ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL PROVIDING COMMENTS ON THE 6/01 BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125562 DOC ID: 149769
DATE: 6/18/2001 PAGES: 2

AUTHOR(S):
Jerry Cobb/Panhandle Health District

ADDRESSEE(S):
Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: LETTER PROVIDING COMMENTS ON THE BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125563 DOC ID: 149770
DATE: 6/18/2001 PAGES: 1
AUTHOR(S): Ross Stout/City of Kellogg ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: MEMORANDUM PROVIDING A REVIEW OF THE BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125565 DOC ID: 149771
DATE: 6/20/2001 PAGES: 1
AUTHOR(S): Kelly Huynh/EPA ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL PROVIDING COMMENTS ON THE BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125579 DOC ID: 149807
DATE: 6/21/2001 PAGES: 1
AUTHOR(S): Robert Hopper/New Bunker Hill Mining Co. ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: LETTER PROVIDING COMMENTS AND REQUESTING A TIME EXTENSION TO PROVIDE FURTHER COMMENTS ON THE BUNKER HILL MINE WATER DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125673 DOC ID: 150396
DATE: 6/27/2001 PAGES: 1
AUTHOR(S): Robert Hopper/New Bunker Hill Mining Co. ADDRESSEE(S):
Mary Kay Voytilla/EPA

DESCRIPTION: LETTER NOTING THAT NO COMMENTS ON THE PROPOSED PLAN ARE POSSIBLE DUE TO TIME CONSTRAINTS.

6. 9. 9. 1. Vol. 1 - 1125674 DOC ID: 150399
DATE: 6/28/2001 PAGES: 2
AUTHOR(S): Dale R. Ralston/Ralston Hydrologic Services ADDRESSEE(S):
Andrea Brooks/TerraGraphics Environmental
Engineering, Inc.
Ian H. von Lindern/TerraGraphics
Environmental Engineering, Inc.
Nick Zilka/Idaho Dept. of Environmental
Quality

DESCRIPTION: LETTER PROVIDING COMMENTS ON THE PROPOSED PLAN FOR THE BUNKER HILL
SUPERFUND SITE BUNKER HILL MINE WATER MANAGEMENT.

HEADING: 20. 0. . . PUBLIC PARTICIPATION

SUB-HEAD: 20. 6. . . Vol. 1 - Media Activity

SUB-HEAD: 20. 6. 3. . Vol. 1 - Fact Sheets

20. 6. 3. . Vol. 1 - 1098565 DOC ID: 126309 Unclassified
DATE: 5/1/1999 PAGES: 4
AUTHOR(S): ADDRESSEE(S):
EPA Unknown

DESCRIPTION: FACT SHEET PROVIDING AN OVERVIEW OF PLANNED CONSTRUCTION ACTIVITIES FOR SPRING AND BEYOND.

20. 6. 3. . Vol. 1 - 1090743 DOC ID: 134175
DATE: 4/1/2000 PAGES: 4
AUTHOR(S): ADDRESSEE(S):
EPA Unknown

DESCRIPTION: FACT SHEET PROVIDING A SUMMARY OF THE UPCOMING FIELD SEASON REGARDING CLEAN UP AT THE BUNKER HILL SITE.

20. 6. 3. . Vol. 1 - 1111129 DOC ID: 136975
DATE: 6/1/2000 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
EPA Unknown

DESCRIPTION: FACT SHEET: EPA SEEKS COMMENTS ON BUNKER HILL CLEANUP REVIEWS - PUBLIC MEETING SCHEDULED FOR "NON-POPULATED AREAS" FIVE-YEAR REVIEW - COMMENT PERIOD FOR POPULATED AREAS REVIEW EXTENDED TO JULY 10.

20. 6. 3. . Vol. 1 - 1121592 DOC ID: 144524
DATE: 1/1/2001 PAGES: 6
AUTHOR(S): ADDRESSEE(S):
EPA Unknown

DESCRIPTION: FACT SHEET SUMMARIZING CLEANUP ACTIVITIES AT BUNKER HILL DURING THE 2000 SUMMER AND FALL CONSTRUCTION SEASON, ALSO UPCOMING EVENTS FOR THE 2001 YEAR.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

20. 6. 3. . Vol. 1 - 1125567 DOC ID: 149776
DATE: 7/1/2001 PAGES: 3
AUTHOR(S):
EPA

ADDRESSEE(S):
Unknown

DESCRIPTION: FACT SHEET: BUNKER HILL MINE WATER MANAGEMENT - EPA ISSUES PROPOSED
MINE WATER PLAN.